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Rules for Pronunciation of English Orthographic Symbols With Practice Material.

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RULES FOR PRONUNCIATION OF ENGLISH ORTHOGRAPHIC
SYMBOLS WITH PRACTICE MATERIAL

A Dissertation

Submitted to the Graduate Faculty of the
Louisiana State University and
Agricultural and Mechanical College
in partial fulfillment of the
requirements for the degree of
Doctor of Philosophy

in

The Department of Speech

by
Jeannette Katherine Laguaite
B. A., Tulane University, 1937; M. A., 1940
August, 1952

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a c I am indebted to Dr. John Hunter, Registrar of Louisiana State University, who made the services of the International Business Machine office available in preparing the lists. Mr. Alfred Murray, Director of the International Business Machine office deserves special thanks for helping set up the code and supervising the work of punching and sorting the cards.

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ABSTRACT

The purpose of this study is to provide a clinical tool for teaching English pronunciation to foreign language students and to others who have language problems. It is essentially an arrangement of some 24,000 words, grouped under the rules which govern English pronunciation. The rules already set forth in the well-known "Guide to Pronunciation" by John S. Kenyon in the preface to Webster's New International Dictionary have served as a point of departure. They have been compared with the rules derived as a partial result of a study of the spellings of these 24,000 words, and in many cases have been re-worded or subdivided to make them more usable. In a considerable number of instances, new formulations of rules have evolved from analyzing the lists, and these have been used as needed. The lists of practice material to which the rules apply are arranged so as to be of value also for articulatory drill.

Ideally the orthoepic system of a language should be so constructed that each orthographic symbol represents one and only one sound. English orthography is far from this ideal state. There are many spellings for a given sound, as i, ea, ee, ei, etc. for [i]. Conversely, there are many sounds for a given spelling, as a in cat, make, far, ball, etc.

Foreigners find great difficulty in learning English because of these inconsistencies and vagaries of spelling and pronunciation. But with rules and lists at hand to guide him, the learner is saved from making the natural mistakes which a person unfamiliar with English is bound to make. He has an organized system to follow, which not only regularizes the pronunciation of most words, but points out the irreconcilable exceptions which must be memorized.

The lists referred to are made up from The Teacher's Word Book of 30,000 Words by Edward Thorndike and Irving Lorge. Most proper names and compound words have been eliminated.

The procedure has been as follows:

The words were transcribed in phonetic symbols, according to the alphabet of the International Phonetic Association. The pronunciations chosen were those generally agreed upon in three authoritative works, Webster's Collegiate Dictionary, The American College Dictionary, and Kenyon and Knott's Pronouncing Dictionary. The words were then coded, each sound being assigned a number and each spelling of a sound a sub-number. They were then sorted by International Business Machines into lists, in each of which all the spellings of a particular sound were grouped together. To complete these processes required a total of 5000 man-hours, 285 of which are assignable to the operators of the International Business Machines.

With the words thus categorized into the various spellings for each sound, the lists were examined and rules

for the pronunciations of the spellings formulated or adapted. These rules, along with the word lists themselves, constitute the body of the study.

Each section is devoted to the discussion of a separate sound, and the rules just referred to are set forth according to the following arrangement:

"The spellings of the sound are:"

This section lists the various spellings and the conditions under which they appear.

"Note: For other pronunciations of the sound, see:"

This section refers the student to all words having similar spellings but different pronunciations.

"The distribution of the sound in English words is as follows:"

This section shows where the sound is found in terms of phonetic distribution. Vowels are described as occurring in open or closed syllables. Consonants are described as occurring alone or before and after vowels and in consonant clusters.

"Words with the sound grouped for practice are as follows:"

This section gives the rules for the pronunciation of the spellings in greater detail, together with explanatory remarks. It includes the word lists which illustrate the rules and provide drill material.

INTRODUCTION

I. THE PURPOSE OF THE STUDY

The purpose of this study is to provide a clinical tool for teaching English pronunciation to foreign language students and to others who have language problems. It is essentially an arrangement of some 24,000 words, grouped under the rules which govern English pronunciation. The rules already set forth in the well-known "Guide to Pronunciation" by John S. Kenyon in Webster's New International Dictionary¹ have served as a point of departure. They have been compared with the rules derived as a partial result of a study of the spellings and pronunciations of these 24,000 words, and in many cases have been re-worded or subdivided to make them more usable. In a considerable number of instances, new formulations of rules have evolved from analyzing the lists, and these have been used as needed. The lists of practice material to which the rules apply are arranged so as to be of value also for articulatory drill.

For years scholars have studied spellings and pro-

¹ John S. Kenyon, "A Guide to Pronunciation," Webster's New International Dictionary, Second Edition. (Springfield, Mass.: G. & C. Merriam and Co., 1934), pp. xvii-lxxx.

nunciation and descriptions of spelling changes. However, these authors were primarily interested in tracing the development of the various spelling and pronunciation changes, and when rules were given, all the historical evidence was presented to show how the word became spelled and pronounced in a given way. Even in Kenyon's "Guide to Pronunciation," the statements concerning pronunciation are buried in the mass of extraneous material dealing with spelling changes, descriptions of the manner of articulation of the sound, pronunciation of the sound in foreign languages, etc.

However, the average person wanting to know how to pronounce a word is not interested in tracing the derivation of the spelling and the evolution of the pronunciation. He wants to know how to say the word now; he wants to get at whatever rules there are, quickly and directly. For example, in the following list of words, examination shows that no two of these words are derived from the same source.

<u>gnarl</u> - Middle English	<u>gnaw</u> - Old English
<u>gnash</u> - Icelandic	<u>gneiss</u> - German
<u>gnat</u> - Old English	<u>gnome</u> - French, through Latin
	<u>gnomon</u> - Latin, through Greek

But the sources are at the moment unimportant to the learner. His concern is with the fact that in these words, as with all words beginning with gn, whatever their derivation, the initial g is silent before the n.

This study presents the particular conditions to be found at the present time, noting historical facts or word

derivations and origins only when they are significant. If it is significant that a whole list of words in one category is a group of late French loan-words, the French origin is mentioned; but even so, the emphasis is on the problem of present-day English pronunciation.

On the other hand, many of the articulatory drill books have lists of words for practice material, but they do not take spelling into account. Schoolfield's² book gives excellent practice lists of words, arranged according to sounds, with consonants alone before vowels and in initial and final clusters. Unfortunately, all the spellings of a sound are grouped together, as in pie, height, by, etc. This arrangement tends to make the foreigner think that all words with these spellings are pronounced alike. Considering the ie spellings as an example, his difficulty with ie in friend, sieve, and piece, after having concluded that ie is pronounced [ai], may be easily conjectured.

It is hardly necessary to point out the difficulties and inconsistencies existing among present-day English spellings and pronunciations of words. Each sound has many different spellings, and the pronunciations of most orthographic symbols vary just as widely. This confusion is strikingly illustrated in the little nonsense rhyme below, in which

² Lucille D. Schoolfield, Better Speech and Better Reading (Magnolia, Mass.: The Expression Co., 1937).

the spellings ou and gh taken separately are pronounced a total of at least nine different ways; or ten, if a silent gh is included.

Though the tough cough and hiccough plough me through,
O'er life's dark lough my way I still pursue.
-Anon.

If this makes trouble for the native speaker, how much more will it make for the foreign-born or for the person who has some disability, such as the deaf or the child with reading or spelling retardation.

Although we are not aware of it, sound changes are constantly taking place in a language, and over a period of years many words become pronounced in different ways. Spellings lag behind sound changes and in time wide divergences occur between the two.

The spelling of the English language became fixed in approximately its present form during the sixteenth and seventeenth centuries. The sounds of the language have changed in many respects since the close of the Middle English period, but the changes in spelling have not kept pace with the changes in pronunciation. Supported by the authority of the schools, and of the dictionaries when they came to be made, literary tradition has fixed the conventional English spelling in an almost impregnable position.³

On the other hand, spelling often influences pronunciation, and words which were once pronounced one way are now pronounced another because of spelling analogies.

³ George Philip Krapp, The English Language in America (New York: The Century Co., 1925), I, 328.

This study will undertake to examine the present pronunciations and spellings as well as the rules which apply to existing conditions. This will be done by arranging the words according to their spellings into all the phoneme groups included in the word, vowels as well as consonants. The words containing [i], for example, will be classified into those spelled with ea, ie, e followed by a consonant and silent e, and any other spellings of [i]. This done, each rule, or subdivision of a rule that applies in a given case will be associated with its appropriate list. This procedure will be used for all the English sounds that appear in the International Phonetic Alphabet.

Notwithstanding the many books that have been written on spelling and pronunciation, including the "Guide to Pronunciation" previously mentioned, no book or discussion seems to fit the exact need of the foreign language student. In order to meet this need, this study will differ from others in the following ways:

1. Whereas most of the books, especially the dictionaries, use systems of diacritical marks which are not standardized, this study proposes to use the alphabet of the International Phonetic Association, which is the most nearly standardized system available.

2. In the "Guide to Pronunciation" by Kenyon,⁴ the

⁴ Kenyon, "Guide to Pronunciation," p. xliii, ff.

rules are given according to spelling. For example, all the spellings for the sound [i], with explanatory discussion, are scattered under various headings--that is, under e, ee, ai, y, i--rather than in one place. Since the lists of words in the present study, and the rules accompanying them, are designed to be used as teaching aids, it is felt that having them arranged according to the sounds to be taught will make them easier to work with and provide more and better practice material than having them arranged according to spelling.

3. This study undertakes to carry out the "more elaborate and intensive analysis of pronunciation" suggested by Ralphine Moore⁵ in her thesis on the pronunciations of orthographic vowel symbols, by including consonants as well as vowels and by using many more illustrative words.

4. In the "Guide to Pronunciation"⁶ most statements are much too general. For example, most of the various spellings of [i] are given in the single following statement: "It is otherwise represented in the ordinary spelling, as in feet, beam, deceive, people, key, Caesar, machine, quay, Phoebe."⁶ By breaking down the categories into the smallest desirable units, it becomes possible in this study to present the rules of pronunciation in a clear and delimiting

⁵ Ralphine Moore, An Analysis of the Orthographic Symbolizations of the English Vowel Phonemes (Unpublished Master's Thesis, Louisiana State University, 1941), p. 100.

⁶ Kenyon, "Guide to Pronunciation," p. xliii.

fashion. Such words as people, quay, and key stand alone and cannot be placed in any group because of their unique spellings, and will be listed as isolated examples which the student will have to learn individually.

5. Many books on pronunciation give key-words to accompany the sound. Sometimes these key-words can be misleading, depending upon the pronunciation of a particular word common to a given part of the country. For example, the "Guide to Pronunciation" gives "a as in arm, far, father, ah, alms, palm."⁷ In the South, this list containing ar words are often pronounced with [ɔ]. Even though it is considered sub-standard, a person who uses an [ɔ] in the word arm would conclude that [ɔ] is to be used in all words containing "a", the common dictionary symbol for [ɑ].

Since in this study a comprehensive list of words is given for each spelling and each phoneme, key-words will not usually be necessary. If in rare instances they must be used, as attempt will be made to use words which are pronounced similarly in all regions.

6. Very little mention is made in the "Guide to Pronunciation" concerning the difference between the Southern, Eastern, and General American dialects. For example, the "Guide" gives only the General American pronunciation of or in words like orange, Florence. This study will try to

⁷ Ibid., p. xl.

take regional differences into account wherever the use is prominent and not substandard.

The final and most important reason for this work is that most books which deal with spelling and pronunciation give only a few examples for each rule. The rule must be so stated as to take into account all the exceptions and unusual circumstances which do not apply, and dictionaries give the pronunciations for individual words and do not indicate the classes to which they belong.

This study will present a sufficiently comprehensive list of words to supplement each rule, in order to prevent qualifying statements from obscuring the important points. When the exceptions must be noted, they will usually be given as cross references to other lists. In this way, the student will not have to conjecture which words fit the rule and which do not.

II. PROCEDURE

A. Scope of the study: Since this study is intended partially as a drill manual, it has been deemed advisable to include for practice material as extensive lists of words as may be possible. Therefore, words to be included were taken from The Teacher's Word Book of 30,000 Words.⁸ The following items were either added to or deleted from the

⁸ Edward L. Thorndike and Irving Lorge, The Teacher's Word Book of 30,000 Words (New York: Columbia University, 1944).

Thorndike count:

1. Most compound words are omitted. Words made up of two or more units which appear separately in the lists are omitted. Thus, the word railroad has been omitted because both rail and road are listed. When they are combined, there is no change in stress, or at least not sufficient change to require the use of different phonetic symbols to indicate their pronunciation. Mailman has been omitted because the word is pronounced with level stress, but words like postman and fireman are included, because the vowel in man becomes unstressed.

Words like sarache are included, even though they are compound words with level stress. In Southern speech the word ear is pronounced with a [ə] instead of an [r] sound as in General American. When the word ear is combined with ache, however, the r becomes intervocalic and is pronounced in standard Southern speech. Therefore words of this type are included to indicate the intervocalic position of the r.

2. Foreign words have been omitted when their pronunciation is not sufficiently anglicized to be shown in English sounds. Thus, the pronunciation of the word arrondissement given in the dictionaries shows the French nasalized vowels, which are not phonemic in English.

3. Most proper names have been omitted. The few which are included are those in the first section of the Thorndike list which are marked with A or AA, meaning they

occur at least as often as 50 per million and are in the first two thousand words occurring most frequently. These proper names represent the days of the week, the months, the names of some of the countries, and a few Christian names, such as John and Mary.

4. Root words are not repeated when prefixes, suffixes, or inflectional endings are added, provided they do not change the pronunciation of the root. For example, the word fire is found in each list for each separate phoneme represented in the word. When the prefix a, pronounced with [ə] is added, afire will appear only in the list of the [ə] sound. Similarly, when ment is added to attach, the word will appear only in the lists where the sounds in ment are discussed, the word attach having already appeared in previous listings. The same procedure applies to the endings ed, es, er, ing, and others which will be listed in detail later.

Some few words have been added to the lists when it was felt necessary to bring out a point of contrast. When an ending is added to a word, it often changes the position of the stressed syllable in a word, thus changing the pronunciation of that syllable. The words alphabet and alphabetical are listed, and the word alphabetize has been added to indicate the change in pronunciation as a result of the change in stress. Some words ending in a silent letter show a change in pronunciation when a syllable is added, and such words were included if they were not already listed.

The number of words in the master list is approximately 24,000. There is an average of six sounds per word. When these are all listed, the total number of items amounts to about 142,000 words. The various operation of selecting, transferring to cards, transcribing, coding, key-punching, sorting, and tabulating these words consumed a total of 5000 man-hours, of which 285 are assignable to the operators of the International Business Machines.

B. Preparation of Lists: 1. Phonetic transcription. The words to be listed were copied from Thorndike's book on to 2 x 3 cards, one to a card. These words were then transcribed in phonetic symbols, using the IPA alphabet as follows:

[i]	as in <u>beet</u>	[ə]	as in <u>sister</u> ; General American, always unstressed
[ɪ]	as in <u>bit</u>	[ʌ]	as in <u>cup</u> ; always stressed
[e]	as in <u>chaotic</u> ; lightly stressed first syllable	[s]	as in <u>seen</u>
[ɛ]	as in <u>bet</u>	[l]	as in <u>lay</u>
[æ]	as in <u>bat</u>	[k]	as in <u>kite</u>
[a]	as in <u>ask</u> ; Eastern	[dʒ]	as in <u>jam</u>
[ɑ]	as in <u>watt</u>	[ʃ]	as in <u>show</u>
[ɒ]	as in <u>hot</u> ; Eastern	[ŋ]	as in <u>ring</u>
[ɔ]	as in <u>all</u>	[v]	as in <u>van</u>
[o]	as in <u>obey</u> ; lightly stressed first syllable	[m]	as in <u>whine</u>
[ʊ]	as in <u>full</u>	[p]	as in <u>pit</u>
[u]	as in <u>fool</u>	[b]	as in <u>bit</u>
[aɪ]	as in <u>ice</u>	[m]	as in <u>mit</u>
[aʊ]	as in <u>mouse</u>	[t]	as in <u>ten</u>
[oʊ]	as in <u>go</u>	[d]	as in <u>den</u>
[ɔɪ]	as in <u>boy</u>	[n]	as in <u>nine</u>
[eɪ]	as in <u>hate</u>	[z]	as in <u>zoo</u>
[ɜ]	as in <u>earth</u> ; General American, always stressed	[r]	as in <u>ray</u>
[ɝ]	as in <u>earth</u> ; Eastern and Southern, always stressed	[g]	as in <u>go</u>
		[tʃ]	as in <u>child</u>
		[ʒ]	as in <u>measure</u>
		[f]	as in <u>fan</u>

[ju] as in <u>cute</u>	[w] as in <u>win</u>
[ə] as in <u>sofa</u> ; lightly stressed last syllable	[θ] as in <u>thin</u>
	[ð] as in <u>then</u>

The pronunciations shown are taken for the most part from Webster's Collegiate Dictionary,⁸ The American College Dictionary,⁹ and Kenyon and Knott's Pronouncing Dictionary.¹⁰ This study does not intend to be arbitrary about presenting one pronunciation as the only correct one for any particular word. However, since it is meant to be used by people unfamiliar with the language, some standard must be set; therefore the pronunciation most generally used is shown. When there are two equally acceptable pronunciations for a word, both of them are given.

2. Coding and sorting by IBM. After the words were all transcribed, they were coded so that it would be possible to sort them by IBM. Code numbers were set up so that each phoneme was indicated by the first two digits; thus [i] was 01, stressed [ɪ] was 02, [b] was 22, etc. Then in each group, a third digit was set up to indicate the different spellings of that sound. Under [i], then, 011 represents [i] spelled "consonant plus e." 012 is [i] spelled "e consonant plus silent e." 014 is ea, and so forth. For the consonants,

⁸ Webster's Collegiate Dictionary, Fifth edition (Springfield, Mass.: G. and C. Merriam Co., 1944).

⁹ Clarence L. Barnhart, Editor, American College Dictionary (New York: Random House, 1951).

¹⁰ John S. Kenyon and Thomas A. Knott, A Pronouncing Dictionary of American English (Springfield: G. and C. Merriam, Co., 1944).

there were not so many different spellings, but the positions in the word were also coded. Thus, initial, final, and medial [b] are 221, 222, and 223, respectively. Silent letters were also coded.

C. Arrangement and Use of Lists of Words: 1. The lists are arranged in each section by sounds. The vowels are presented first, but since there are many different sounds for each orthographic symbol, it is not possible to alphabetize them. Therefore, the general plan used by most phonetic textbooks has been followed. That is, the vowels around the vowel diagram from front to back are taken in order, then the diphthongs, and finally the vowels used in unstressed syllables. The consonants are arranged in alphabet order as far as possible.

2. Each section is numbered. Each spelling for the sound is discussed in a sub-section under the main number. Sometimes the large group is broken up into smaller categories for the convenience of the student in seeing relationships or in remembering spellings. In such cases, the section will be given an added letter. For example, [ɪ] is presented in section 2. Section 2.2 deals with [ɪ] when it is spelled i in closed, stressed syllables of polysyllables. The lists in 2.2f give words spelled with i in the closed syllables of the prefixes il, im, etc. These lists simply represent a group of words having been taken out of a larger list and are not separate categories under another rule.

The same sub-grouping is used for the consonants, although often the basis there for subdividing is position in the word rather than the spelling. That is, initial consonants before vowels or before other consonants are listed separately, even though they fall into the large group of consonants appearing initially in syllables.

At first glance, it may seem as though there are inconsistencies in the way the words are listed and the way they are classified in the introduction to each section. In presenting the consonants, the initial and final clusters are noted; however, the lists do not follow out this arrangement exactly. It is felt that it would be valuable for the student to have lists of practice words for articulatory drill as well as for application to the rules. Therefore, consonant lists are divided so as to present words with the consonant alone before and after vowels in initial and final position and in initial clusters only. Thus, the sound [t] will be listed as : (1) t in initial position before vowels, (2) t in initial position before the consonants g and l, and (3) t in final position in the word. However, the sound [t] occurs in the initial clusters st, str, etc., and in the final clusters ts, sts, etc. [t] in these various combinations will be found in the listings of [t] in medial and final syllables, although actually, the t in the cluster str may occur in an initial syllable.

3. Phonetic symbols are enclosed in brackets and orthographic symbols are underlined.

4. Monosyllables are considered as stressed syllables, although in rapid, colloquial speech many monosyllables, such as adverbs, prepositions, conjunctions, pronouns, articles, etc., become unstressed.

5. Usually secondary stress requires the same phonetic symbol as a vowel which receives primary stress. Therefore when the statement is made that a stressed syllable is pronounced with a certain sound, it is understood that the reference may be either to primary or secondary stress. If secondary stress causes a change in the phoneme symbol, it is so indicated.

6. The abbreviations GA, S, and E are used to refer to the three American dialects, general American, southern, and eastern.

7. An open syllable is defined as one which ends with a vowel and a closed syllable as one which ends with a consonant. In many instances it will be noted that pronunciations of a given word vary according to whether the syllable is open or closed. It is difficult to determine whether a particular stressed syllable is open because the vowel is phonetically long or whether the use of a phonetically short vowel attracts the succeeding consonant and thus produces a closed syllable. In either case, it is significant that long vowels may occur in either open or closed syllables, while short vowels occur in stressed syllables only if the syllables are closed.

8. In order to avoid ambiguity, when a word contains duplicate orthographic symbols, the one to which the rule applies is underlined. For example, when words having o in stressed closed syllables are listed under the [a] or [ɒ] sound, the word corroborate will have the proper o underscored --corroborate.

9. An asterisk indicates that there is an acceptable alternate pronunciation which does not represent a regional difference.

10. Where one part of speech, grammatically speaking, has a different pronunciation from another, it is so marked. The letter "v" following a word means "verb" and shows that it is pronounced differently from the noun or adjective having the same spelling.

11. A capital letter in parentheses following an entry indicates that the word is also used as a proper noun.

12. No attempt has been made in this study to teach phonetics or describe how the sounds are made. It is assumed that the student using these lists will have some knowledge of phonetics already, or that the lists will be used by a teacher as a manual for pronunciation and articulation drill.

D. Conclusions: The conclusions consist of the body of rules formulated from the lists and are presented in the following sections. It will again be observed that although Kenyon's "Guide to Pronunciation" has been used as a "point of departure," complete freedom has been taken to depart from the rules he presents whenever it is judged to be necessary

or advisable. In many cases it will be found that it is not possible to make a hard and fast rule, but only to describe the particular condition which applies to a given list of words, with the rule for their pronunciation implied where not explicitly stated.

1. THE SOUND [ɪ]

The spellings of [ɪ] are:¹

1. e in syllables closed by consonant and final silent e.
2. a in open stressed syllables of polysyllables.
3. a in open monosyllables.
4. ee in stressed syllables, except as below.
5. i in words of foreign origin.
6. ea except as below.
7. ei in a few words, especially after [s].
8. ie in syllables closed by consonants other than r.
9. e in the Latin plurals es.
10. ae and oe, the Latin and Greek digraphs.
11. Exceptionally in demesne, key, people, plait, quay, and tuyere.

Note: For other pronunciations of spellings of [ɪ], see:

1. e in syllables closed by consonant without final e, section 3.2.
2. i in closed stressed syllables of polysyllables, section 2.2a-h.
3. ei, sections 12.5 and 13.9.
4. ie in open monosyllables, section 13.6.
5. ea, sections 3.4 and 12.9.
6. ee before r and in unstressed final syllables, sections 2.3 and 18.11.

The distribution of [ɪ] in English Words is as follows:

1. In open syllables, initially and finally, as in even ['i:vn], be [bi].²
2. In closed syllables, initially and finally, as in eaten [i:tn], achieve [ə'tʃi:v].

¹ In order to avoid a monotonous repetition, the above form will be used throughout. Where not stated explicitly, the rules will be implied in the topical headings.

² George L. Trager and Henry Lee Smith, Jr., An Outline of English Structure. Studies in Linguistics: Occasional Papers, 3. (Norman, Oklahoma: Battenburg Press, 1951), p. 15.

Words with [i] grouped for practice as follows:

1.1 e in monosyllables and final syllables of polysyllables closed by a consonant and final silent e. In most cases, the final silent e indicates that the preceding vowel will be "long."

academe	convene	intercede	scene
accede	deplete	intervene	scheme
acetylene	diocese	kerosene	secede
aesthete	discrete	logothete	secrete
anthracene	effete	manganese	serene
athlete	eke	mete	stampede
benzene	esthete	methylene	supersede
benzene	ethylene	naphthalene	supervene
blaspheme	eve (E)	obese	supreme
bombazene	excrete	obscene	theme
cede	extreme	obsolete	these
centipede	gangrene	phosgene	trapeze
compete	gasolene	precede	trireme
complete	glebe	raceme	velocipede
concede	grebe	recede	wolverene
concrete	hygiene	rede	yestereve
contravene	impede	replete	

1.2a e in open stressed syllables of polysyllables, as in anemia [ə'ni:mɪə].

abbreviate	antecedent	collegian	deviation
abstemious	appreciate	collegiate	devious
acetic	appreciative	comedian	diabetes
accretion	arena	comedienne	*diabetic
adhesion	arsenious	completion	dicotyledon
adhesive	artesian	concretion	diocesan
albeit	begum	congenial	ecclesia
allegiance	behemoth	convenience	ecclesiastic
alleviate	behemoth	cotyledon	egregious
* altimeter	besom	credence	elegiac
alveolar	*beta	credo	employe
alveolus	betel	cremate	encyclopedia
ameba	*breviary	cremation	encyclopedia
amebic	*camellia	cresol	endothelial
ameboid	*cantilever	*cretonne	epithelium
ameliorate	cathedral	cyclopedia	eureka
* amenable	carnelian	decimeter	excretion
* amenity	cedar	decretal	exegesis
amnesia	centimeter	demon	expediency
analgesia	*cerebral	demonology	facetious
anemia	chameleon	depletion	*facsimile
anemic	cohesion	depreciation	*febrile
anesthesia	cohesive	deviate	*fecund

feline	*leman	*penalize	sepal
female	lemur	peneplain	sepia
femur	leniency	*peri	sequel
*feti <u>d</u>	lenient	perihelion	sequence
*fetish	lesion	Peter	sequestration
fever	lethal	phenol	sequin
frequency	*lever	plenary	specie
frequent	magnesia	*precedence	specious
galena	magnesium	*precedent	*splenic
gardenia	magneto	*premier	spontaneity
genealogical	media	premium	stele
genealogy	median	previous	stevedore
genial	mediate	procedure	strategic
genius	mediation	quietus	subpena
genus	*medieval	rebec	tedium
heliograph	mediocre	rebus	tenet
heliotrope	mediocrity	recent	tepee
helium	medium	recipe	thesis
*helot	menial	regal	torpedo
*hematite	meteor	regency	tragedian
*hemoglobin	meteoric	regent	trefoil
heterogeneous	meteorological	region	*tremor
homogeneous	meteorology	remedial	tuxedo
hyena	meter	renal	urethra
*hyperbole	metre	repercussion	vehemence
immediacy	*miserere	repletion	vehement
immediate	moneious	*requiem	vehicle
inebriate	*negate	*sacrilegious	vehicular
ingenius	negress (N)	scenic	velum
ingredient	negro (N)	schematic	venal
intermediary	negus	secrecy	venial
intermediate	neurasthenia	secret	venous
internecine	obedience	secretion	verbena
irremediable	obedient	secretive	veto
jehu	obsequious	sedum	zebra
Jesus	*omega	selenium	zenith
kilometer	*pecan	senile	*zeta
legal	*pedal	senior	
legion	penal	seniority	

1.2b In the following words the letter e is followed by a syllable beginning with a vowel rather than a consonant, as in the foregoing list, and may be pronounced with [ɪ] instead of [i].

*apothecis	creosote	diarrhea	geographic
atheneum	cuneiform	empyrean	geologic
beatific	deification	empyrean	geometric
chorea	deify	epicurean	*herculean
coliseum	deist	fealty	hymeneal
creole	deity	geodetic	idea

ideal	plebeian	theocracy
idealize	proteid	theogony
leonine	*protein	theologian
mausoleum	pyorrhea	theological
museum	real	theology
neolithic	realization	theorem
neon	realize	theoretical
neophyte	realtor	theorize
panacea	rhea	theory
*pantheon	rheostat	theosophist
peon	spontaneity	*trachea
peony	stearin	urea
peritoneal	theater	
*pharyngeal	theism	

1.2c Initial e may be pronounced [i] or [ɛ] when stressed, or may be lightly unstressed to [ɪ].

Always [i]	Either [i] or [ɛ]	Either [i] or [ɪ]
edict	economic	egad
egress - n.	ego	egress - v.
eject - n.	egotism	eject - v.
equal	egotist	elasticity
equalization	egret	electrician
equalize	emendation	electricity
equanimity	enigmatic	esophagus
equatorial	ephod	
equine	équable	
equidistant	equipoise	
equilateral	*eta	
equilibrium	evangelical	
equinox		
ether		
even		
evening		
evil		

1.2d [i] is spelled e in the prefixes de, re, and pre when stressed, especially: (1) when they retain their original denotation of back, or again, or of priority; (2) when followed by a vowel; or (3) before h.³ If there is a secondary stress on the prefix, it may be lightly stressed to [ɪ].

³ Thorlief Larsen and Francis C. Walker, Pronunciation, a Practical Guide to American Standards (New York: Oxford University Press, 1930), pp. 34-36.

decency	predigest	reanimate
decent	* predilection	reappear
decentralize	predispose	reappearance
decentralization	predisposition	reappoint
decode	preeminence	rearrange
decompose	preeminent	rearrangement
decomposition	preempt	reascend
decompound	preemption	reassemble
decoy	preexist	reassert
decrease	preexistent	reassume
defalcation	prefect	reassurance
* defamation	prefecture	reassure
defect	prefigure	reawaken
* deformation	prefix	rebate
degeneration	prefrontal	rebirth
delectation	prehensile	reborn
delimitation	prehension	rebound
demagnetize	prehistoric	rebuild
demarcation	prejudge	rebuilt
demerit	prelim	recall
demilitarize	prelude	recantation
demobilize	premature	recapitulate
demobilization	premeditate	recapitulation
denature	premeditation	recapture
denudation	premolar	recast
deodorant	premonition	recede
deodorize	premonitory	receptivity
departmental	prenatal	recess
depopulate	preoccupation	recession
depopulation	preoccupied	recharge
deportation	preoccupy	reclaim
* deposition	preordain	recoil
depot	prepaid	recollect
detestation	prepossess	recombine
detonate	prepossessing	recommence
detonation	prepossession	recondition
detour	prerequisite	reconnoiter
devitalize	preschool	reconquer
preamble	* prescience	reconsecrate
prearrange	* presentation	reconsider
precede	presuppose	reconstitute
precept	presupposition	reconstrust
preceptor	pretense	reconstruction
precession	preternatural	recount
precinct	pretext	recourse
preconceive	preview	recover
preconception	prewar	recreate
preconcert	readdress	recreation
predestinate	reagent	recross
predestination	readjust	recrudescence
predestine	readjustment	redecorate
predetermine	reaffirm	rediscount

rediscover	refuse	remonetize	research
rediscovery	regress	remount	reseat
redistribution	regurgitate	rename	resell
redouble	rehabilitate	renominate	reset
redraw	rehabilitation	renomination	resettlement
redress	reheat	reoccupy	resign
reecho	reimburse	reopen	resold
reelect	reincarnation	reorganization	resort
reelection	reinforce	reorganize	resound
reembark	reinforcement	repack	resource
reenact	reinstate	repaid	restate
reenforce	reinvest	repaint	restock
reenforcement	reissue	repass	retail
reengagement	reiterate	repay	retake
reenter	reject	repeople	retardation
reestablish	rejoin	replace	retell
reestablishment	rekindle	replant	retold
refill	relaxation	reprint	retouch
refit	relay	reproduce	retrace
reflex	release	reproduction	reunion
reflux	reload	reproductive	reunite
reforest	relume	replication	revaluation
reform	remade	republish	revamp
*reformation	remark	repurchase	revisit
refuel	remarriage	reread	revivify
refund	remarry	resale	rewrite
refurnish	remodel	rescript	

1.3 e in open monosyllables and derived forms, as in he [hi], he'll [hil]. In rapid colloquial speech these words will always be unstressed to [ə] or [ɪ].⁴

be	me	the	we've
he	she	we	ye
he'd	she'd	we'd	ye'd
he'll	she'll	we'll	ye'll
he's	she's	we're	ye're

1.4 ee in monosyllables (except in the word been) and in stressed syllables of polysyllables unless followed by r, as in beef [bif], trustee [trastɪ]. See section 2.3.

absentee	appointee	beech	beetling
agree	banshee	beef	beeves
aniseed	bawbee	beet	beseech
apogee	bee	beetle	between

⁴ John S. Kenyon, American Pronunciation (Ann Arbor: George Wahr, 1935), p. 102ff.

bleed	fleur	palankeen	sneeze
bootee	fleet	patentee	speech
breech	fourteen	payee	speed
*breeches	free	pedigree	speedometer
breed	freesia	peek	spleen
breeze	freeze	peel	spree
breezy	fricassee	peep	squeeze
canteen	gee	peevish	steed
careen	geese	pharisee	steel
cheek	genteel	pongee	steenbok
cheep	glee	preen	steep
cheese	grandee	proceed	steeple
chickadee	grantee	puttee	street
chickaree	greed	queen	succeed
*chimpanzee	greek (G)	redeem	sweep
colleen	green	reed	sweet
conferee	greet	reef	tee
consignee	guarantee	reek	teem
creed	heed	reel	teens
creek	heel	reeve	teeny
creel	indeed	referee	tepee
creep	jubilee	refugee	tester
creese	keel	repatee	teeth
debauchee	keen	rupee	teethe
decree	keep	sateen	thee
deed	knee	screech	thirteen
deem	kneel	screen	three
deep	lateen	see	threepence
degree	lee	seed	tree
devotee	leech	seek	trochee
divorcee	leek	seem	trustee
eel	lees	seen	tureen
e'en	legatee	seep	tweed
erie	lessee	seer	tweezers
eighteen	levee	seethe	velveteen
employee	linseed	settee	vestee
esteem	lycee	seventeen	wee
exceed	marquee	sheen	weed
fee	meed	sheep	week
feeble	meek	sheet	ween
feed	meet	sixteen	weep
feel	mortgagee	skee	weevil
feet	nankeen	sleek	wheel
fifteen	need	sleep	wheel
filigree	needle	sleet	wheeze
flee	nineteen	sleeve	whiffletree
fleece	nominee	smithereens	

1.5a i in monosyllables and stressed syllables of polysyllables of foreign loan-words. They may be open syllables, as in si [si], or closed, as in fatigue [fə'tig]. Also they may be closed by a consonant and a final silent e. For other words with i before consonant and final silent e see section 13.1.

ambergris	elite	modiste	*recitative
aminoacid	*endive	monsignor	scarlatina
antique	ennui	mosquito	semolina
artiste	esprit	motif	senorita
automobile	farina	muzhik	si
automobilist	fatigue	naive	signor
ballerina	fiance	nankin	signorina
bambino	fluerdelis	oblique	ski
bastille	frijol	palanquin	suite
batik	hakim	paprika	technique
batiste	intrigue	pelisse	ti
caprice	kiwi	petite	tricot
casino	liaison	*phi	trio
centime	liter	physique	unique
chemise	livre	pianissimo	valise
chenille	maraschino	*pianist	verdigris
chic	marguerite (M)	picot	vilayet
cliche	marquise	pinon	*violincello
clique	merino	piquancy	visa
coulisse	mesquite	piquant	viva
critique	mestizo	pique	vive
czarina	mobile	police	yogi
debts	mochila	prestige	

1.5b i in the suffix ine. Words with this ending are usually words with the Latin suffix which have come into the language by way of the French. Those words are usually pronounced with [i]. Words which have come directly from the Latin may also be pronounced with [ai], if stressed, or with [i] if unstressed.

Always	[i]	[i] or [ai]	[i] or [i]
bombazine	marine	adamantine	adamantine
brilliantine	messaline	aniline	bromine
crepe dechine	mezzanine	brigantine	calcine
cuisine	morphine	eglantine	chlorine
figurine	nectarine	elephantine	crinoline
gabardine	quarantine	hyaline	dentine
gasoline	ravine	iodine	dextrine
guillotine	routine	peregrine	elephantine
latrine	sardine	pristine	fluorine
libertine	tambourine	saccharine	glycerine
limousine	tangerine	saline	hyaline
machine(ry)	tricotine	serpentine	iodine
magazine	vaccine	sibylline	nicotine
maline	wolverine	strychnin	palatine
margarine		uterine	paraffine
			pristine
			scopolamine
			sibylline
			strychnin
			tourmaline
			travertine
			trephine
			vaseline
			vitamine

1.6 ea in monosyllables and stressed syllables of polysyllables, except a few words pronounced [ɛ], section 3.4, and [eɪ], section 12.9. Words with [i] may be either in open or closed syllables, as in beagle ['bigəl], breach [brɪtʃ], while words with [ɛ] are always in closed syllables. Open monosyllables (except yea) are always [i].

Words with [i] will form past tenses of verbs by changing to [ɛ], as in read [rɪd], [rɛd]; some derived forms of nouns will change from [i] to [ɛ], as in heath [hiθ], heather ['hɛðə, 'hɛðə].

anneal	conceal	heath	peal
appeal	congeal	heathen	pease
appease	creak	heave	peat
beach	cream	increase	plea
beacon	crease	indefeasible	plead
bead	creature	jean (J)	please
beadle	deacon	knead	pleat
beagle	deal	lea	preach
beak	dean	leach	quean
beam	deceased	lead	queasy
bean	defeat	leader	reach
beast	demeanor	leading	read
beat	disease	leaf	readable
beaver	dream	league	reader
beleaguer	each	leak	reading
beneath	eager	leal	ream
bequeath	eagle	lean	reap
bereave	eaglet	leap	reason
bleach	ease	*leapt	reave
bleak	easel	lease	release
bleat	east	leash	repeat
breach	easy	least	retreat
bream	eat	leave	reveal
breathe	eaves	malfeasance	scream
breather	feasibility	mead	sea
cease	feasible	meager	seal
cheap	feast	meal	seam
cheapen	feat	mean	seamstress
cheat	feature	measles	season
clean	flea	meat	seat
cleanly	freak	neap	sheaf
cleanness	gleam	neat	sheath
cleat	glean	neath	sheathe
cleavage	grease	ordeal	sheaves
cleave	greave	pea	sleazy
cochineal	heal	peace	sneak
colleague	heap	peach	speak
commonweal	heat	peak	squeak

squeal	teacher	treatise	wheat
squeamish	teal	tweak	wreak
steal	team	veal	wreath
steam	tease	weak	yeast
streak	teat	weal	zeal
stream	treacle	wean	
tea	treason	weasel	
teach	treat	weave	

1.7 ei in a small group of words, specially if preceded by [s].

cafein	conceivable	*leisure	receipt
casein	conceive	*neither	receive
ceil	deceit	*obeisance	seigneur
ceiling	deceive	perceive	seize
conceit	*either	*protein	seizure
			sheik

1.8 ie in syllables closed by consonants other than r, as in grief [grif], and in final open syllables of a few French words, as in coterie ['kouteri].

achieve	chieftain	hygiene	relief
aggrieve	coterie	*hygienic	relieve
belief	fief	lief	shield
believable	field	liege	shrieve
believe	fiend	lien	siege
besiege	frieze	lingerie	sortie
bourgeoisie	frontispiece	mien	thief
brief	grief	niece	thieve
capapie	grievance	piece	wield
chesterfield(C)	grieve	priest	yield
chief	grievous	rabies	

1.9 es in the Latin plural, as in bases ['bersiz].

aborigines	diabetes	lares	series
antipodes	facies	nares	species
*bases	fascies	parentheses	superficies
caries	Hercules	penates	talesman
certes	hypotheses	pyrites	vertices
congeries	isosceles	rabies	

1.10 ae and oe in Latin or Latinized Greek words. These words are often reduced to simple e, as in ameba and anemia, unless the ae is final to indicate a plural form, as in pupae.

aedile	antennae	formulae	phoenix(P)
aegis	arborvitae	haemoglobin	praefect
aeolian	atheneum	larvae	praetor
aeon	caecum	maenad	praetorian
aether	coeval	minutiae	pupae
algae	cyclopaedia	monoecious	pyorrhoea
alumnae	daemon	oesophagus	quaestor
amoeba	diarrhoea	paeon	subpoena
amoeboid	dioecious	papillae	vertebrae
anaemia	encyclopaedia	pharmacopoeia	
anaemic	foetus	phoebe(P)	

1.11 Exceptionally in the following words.

<u>a</u>	<u>eo</u>	<u>ay</u>	<u>uy</u>
demesne	people	quay	* tuyere
<u>ey</u>	<u>ai</u>		
key	plait		

2. THE SOUND [ɪ] (STRESSED)

The spellings of [ɪ] are:

1. i in closed monosyllables, except as below.
2. i in closed stressed syllables of polysyllables, except as below.
3. ae, e, ea, ee, ei, ey, i, ie before final or intervocalic r, except as below.
4. y in closed stressed syllables of polysyllables, except as below.
5. e in closed syllables of a few words.
6. ui before ld or lt in a few words.
7. Exceptionally in been, breeches, sieve, women.

Note: For other pronunciations of spellings of [ɪ], see:

1. i in stressed syllables closed by a consonant and final silent e, section 1.2a.
2. i in closed syllables of foreign words, section 1.5a.
3. e, ea, before r, sections 3.5 and 11.1 and 11.6.
4. y in stressed syllables closed by consonant and final silent e, section 13.4.
5. e in closed syllables, sections 3.1 and 3.2.

The distribution of [ɪ] in English words is as follows:

1. In closed syllables, initially and finally, as in inflamm [ɪnfleɪm], racketeer [rækəˈtɪr, rækɪtɪr].
2. In open syllables--does not occur.

Words with [ɪ] are grouped for practice as follows:

2.1 i in closed monosyllables. This sound is popularly known as "short i." In words like give, bridge, which end in silent e, the e was not added to indicate the vowel pronunciation but to show that the former Middle English orthographic symbols u and gg were to be pronounced as [v] and [dʒ] respectively.¹

¹ Joseph Wright and Elizabeth Mary Wright, An Elementary Historical New English Grammar. (London: Oxford University Press, 1924), p. 13.

bib	drift	hick	ling
bid	drill	hid	link
biff	drink	hill	lint
big	drip	hilt	lip
bilge	fib	him	lisp
bill (B)	fid	hinge	list
bin	fifth	hint	lit
bisque	fig	hip	live - v.
bit	filch	his	lynch
bitch	fill	hiss	lynx
blink	film	hist	mid
bliss	filth	hit	midge
brick	fin	hitch	mil
bridge	finch	if	milch
brig	fish	ilk	milk
brim	fist	ill	mill
bring	fit	imp	mince
brink	fitch	in	mink
brisk	fix	inch	mint
*chie	fizz	ink	minx
chick	flick	inn	miss
child	flinch	is	mitt
chill	fling	it	mix
chin	flint	itch	niche
chineh	flip	its	nick (N)
chink	flit	it's	nil
chintz	flitch	jib	nip
chip	frill	jig	nit
chit	fringe	jill	nix
cinch	frisk	jilt	pick
click	frith	Jim	pig
cliff	gift	jinx	pill
clinch	gig	kick	pimp
cling	gild	kid	pin
clink	gill	kill	pinch
clip	gilt	kiln	ping
clique	gimp	kilt	pink
crib	gin	kin	pip
crick	gist	king	pit
crimp	git	kink	pitch
cringe	give	kip	pith
crisp	glib	kiss	plinth
cuisse	glimpse	kit	prick
dick (D)	glint	kith	prig
did	grid	knit	prim
dig	grig	lick	prince
dill	grill	lid	prink
dim	grim	lift	print
din	grin	like	prism
dint	grip	lilt	quick
dip	grist	limb	quid
dise	grit	limn	quill
ditch	guise	limp	quilt

quince	sink	stick	twig
quint	sip	stiff	twill
quip	sis	still	'twill
quit	sit	stilt	twin
quiz	sith	sting	twinge
rib	six	stink	twist
rich	skid	stint	twit
rick	skiff	stitch	twitch
rid	skill	strict	twixt
ridge	skim	string	vim
rift	skimp	strip	vis
rig	skin	swift	which
rill	skip	swig	whiff
rim	skit	swill	whim
ring	slick	swim	whip
rink	slid	swing	whisk
rinse	slim	swish	whist
rip	sling	switch	whit
risk	slink	thick	whiz
schist	slip	thin	wick
serim	slit	thing	width
serip	smit	think	wig
script	smith (S)	this	will
shift	sniff	thrift	wilt
shim	snip	thrill	win
shin	snitch	tick	wince
ship	sphinx	till	winch
shrift	spick	tilt	wind
shrill	spill	tilth	wing
shrimp	spilt	tin	winged
shrink	spin	tinct	wink
sic	spit	ting	wis
sick	spitz	tinge	wish
sift	splint	tint	wisp
silk	split	tip	wist
sill	sprig	'tis	wit
silt	spring (S)	tit	witch
simp	sprint	trick	with
sin	sprit	trig	withe
since	squib	trill	wring
sing	squid	trim	wrist
singe	squint	trip	writ
			zinc
			zip

2.2a i in stressed closed syllables of polysyllabic words,
as in addiction [ə'dɪkʃən].

abor <u>i</u> gines	add <u>i</u> ct	advent <u>i</u> tious	affl <u>i</u> ction
acidul <u>a</u> te	add <u>i</u> ction	affl <u>i</u> ate	akim <u>b</u> o
acq <u>i</u> sitive	admin <u>i</u> ster	affl <u>i</u> ation	all <u>i</u> teration
acqu <u>i</u> t	admin <u>i</u> stration	aff <u>i</u> x	* altim <u>e</u> ter
act <u>i</u> nic	admit	affl <u>i</u> ct	ambergr <u>i</u> s

ambiguous	bicker	cilia	considerate
amid	bigamy	ciliary	consideration
amidst	bigot	ciliate	consist
amphibian	bilberry	cincture	consistence
anticipate	bilious	cinder	consistory
anticipatory	biscuit	cinema	conspicuous
antipathy	bishop	cinematograph	conspiracy
antiphonal	bismuth	cinq ue foil	conspirator
antipodes	bivouac	circumc ision	constituence
antithesis	blister	cisalpine	constituent
arbitrament	bowsprit	cistern	constrict
aridity	bricabrac	citadel	constriction
aristocrat	brigadier	cithara	contiguous
arithmetic	brigand	citizen	contingency
articulate	brigantine	citrous	continual
artificer	brindle	citric	continuance
ascription	brisket	citron	continuation
assiduous	bristle	citrus	continue
assimilate	bristly	city	continuous
assimilation	British	civet	contractility
assist	calorimeter	civic	contradict
asterisk	capitulate	civil	contradiction
astigmatism	capitulation	civilian	contradictory
astrigent	capricious	civilization	contribute
attributable	carboniferous	civilize	contributory
attribute	carnivorous	cliche	convict
auricular	centrifugal	clinic	conviction
auriferous	centripetal	coefficient	convince
auspicious	certificate	coexist	convincing
auxiliary	* certification	coexistence	convivial
avaricious	chaffinch	coincidence	crawfish
badminton	chagrin	coincident	crayfish
bailliwick	chewink	coincidental	cricket
ballista	chickadee	collision	criminal
baptismal	chickaree	commingle	criminality
basilica	chicken	commiserate	criminate
basilisk	chickory	commiseration	criminologist
batik	chilblain	commit	criminology
beatific	children	competition	crimson
bedizen	chili	conciliate	crinkle
begin	chimney	conciliation	crinoline
belligerence	chimpanzee	conciliatory	critic
benedict	chinquapin	configuration	criticize
beneficiary	chipmunk	confiscate	criticism
benignant	chisel	confiscatory	crucifix
betwixt	chivalric	conflict	cuirassier
bewilder	chivalry	coniferous	cupidity
bewitch	christen	conquistador	curriculum
biblical	christian (C)	conscript	cylindrical
bibliographical	Christmas	conscription	daffodil
bibliography	cicerone	consider	debilitate
bibliophile	cigarette	considerable	deciduous

decision	diphthong	erysipelas	fiscal
deficiency	diplomat	espionage	fistula
definitive	diplomatic	eulogistic	fixation
dehiscent	disciplinary	evict	fixative
deliberate	discipline	eviction	fixture
deliberation	discriminate	evince	flagitious
delicious	discrimination	exhibit	flamingo
delineate	discus	exhibiter	flimsy
delineation	distinct	exhilarate	flivver
delinquency	distinction	exhilaration	foraminifera
deliver	distinguish	exist	forgive
deliverance	distribute	existence	fricassee
delphinium	distributive	expedition	friction
demilitarize	distributor	expeditious	frigate
dentition	district	explicable	frigid
depict	dizen	explicit	frivolous
depiction	dividend	exquisite	gesticulate
depilatory	divination	extinct	gesticulation
derelict	divisible	extinction	giblet
dereliction	division	extinguish	gimlet
derision	domiliary	facilitate	ginger
derivative	dominion	facsimile	gingham
description	dribble	factitious	ginkgo
desiderata	drivel	familiar	gipsy
desist	driven	familiarity	glisten
dictate	dwindle	familiarize	glister
dictation	echidna	fastidious	grandiloquence
dictator	*echinoderm	felicitate	grisly
dictatorial	eclipse	felicitation	gristle
dictation	efficiency	fibular	guinea
dictionary	efficient	fickle	habiliment
dictum	elicit	fiction	habitual
digitalis	eliminate	fictitious	habituate
digit	elimination	fiddle	herbivorous
dignify	elixir	fidget	hibiscus
dignitary	Elizabeth	fifteen	hideous
dignity	ellipse	fifty	hinder
dilatory	elliptical	figurative	hinderance
dilettante	emit	figure	hindrance
diligence	enigma	filament	hinterland
diminish	episcopal	filbert	history
diminuendo	epistemology	filial	histrionic
diminution	epistle	filet	hither
diminutive	epitome	filibuster	humidity
dimple	epitomize	filigree	humiliate
dingdong	equilibrium	filter	humiliation
dinghy	equip	filtration	hypocrite
dinginess	equivalent	finger	icicle
dingle	equivocal	*final	illicit
dingy	equivocate	finicky	impinge
diphtheria	equivocation	finish	implicit

incinerate	jinricksha	linoleum	meniscus
incipient	jinrikisha	linseed	mephitic
incision	jitney	linsey	meretricious
incriminate	judiciary	lintel	meridian
Indian	juridical	liquefaction	metalliferous
indicative	jurisdiction	liquefy	meticulous
indigenous	kickshaw	liqueur	mickle
indignant	kidnap	liquid	midget
individual	kidney	liquidate	mignon
individuality	kilogram	liquidation	mignonette
infinitesimal	kilogramme	liquor	mildew
infinitive	kilometer	lira	militant
infinity	kilowatt	lire	militarism
inhibit	kindergarten	listen	militarization
inhibition	kindle	literal	military
inimical	kindling	literary	militate
inimitable	kindred	literate	militia
iniquity	kinfolk	literature	milreis
initial	kinsman	litany	mimeograph
initiate	kiosk	litharge	mimic
initiation	kitchen	litigation	minaret
inquisition	knickerbocker	lithia	mineral
inquisitorial	knickknack	lithograph	mineralogy
inscription	lascivious	lithosphere	mingle
insectivorous	legitimate	litigant	miniature
insidious	liberal	litigious	minimize
insignia	liberality	litmus	minimum
insinuate	liberate	liturgy	minion
insinuation	liberation	liveable	minister
insipid	liberty	livelong	ministerial
insipidity	licitor	liver	ministration
insist	ligament	livery	ministry
insistence	ligature	livid	minhiver
instinct	lignite	lizard	minster
interdict	lily	logarithm	minstrel
intermit	limber	lucidity	minuend
interstitial	limbo	magnific	minuet
intermix	limerick	magnificence	minute
intermixture	limit	magnificent	miscellaneous
interposition	limitation	magniloquence	miscellany
intimidate	limousine	malicious	miserable
intrinsic	linchpin	malignant	miserere
invidious	Lincoln	malignity	misericord
invigorate	linden	manila (M)	misery
invincible	lineage	manipulate	mister
invisibility	lineal	manipulation	mistletoe
invisible	linear	manuscript	mistress
itinerant	linen	matriculate	mitigate
Italy	linger	matriculation	mitigation
itinerary	lingo	medicament	mixture
jingle	lingual	medicinal	monolith
jingo	liniment	mellifluous	morbidity

municipal	perimeter	predicament	reiterate
municipality	periphery	predict	religion
munificent	periwig	prediction	religious
neolithic	periwinkle	preliminary	relinquish
nephridium	permit	prescription	reminisce
niblick	pernicious	provision	reminiscence
nickel	perpendicular	prickle	remit
nicotine	persist	primer	reptilian
nifty	persistence	primitive	rescind
nimble	persistent	primula	residual
nimbus	pestiferous	princess	residuum
nincompoop	philanthropic	principal	resilient
nitwit	philharmonic	principality	resist
nizam	philological	principle	resistance
nondescript	philosophic	prismatic	restriction
novitiate	philter	prison	ribald
obelisk	piccolo	pristine	Richard
obituary	pickerel	prithes	rickets
obligatory	picket	privet	ricochet
obliterate	pickle	privilege	ridicule
oblivion	picnic	privy	ridiculous
obsidian	pictorial	prodigious	rigid
occipital	picture	proficiency	rigmarole
odoriferous	picturesque	proficient	rigor
official	pigeon	prohibit	risen
officiate	pigmy	prohibitive	ritual
omit	pilfer	prohibitory	rivage
omnipotence	pilgrim (P)	prolific	riven
omnipotent	pimpernel	prolix	river
omniscience	pimple	promiscuous	rivet
omniscient	pinafore	propinquity	rivulet
omnivorous	pincers	propitiate	sandwich
opinion	pinion	propitiation	sarsaparilla
optimistic	pinon	propitious	schismatic
orbicular	pipkin	proscription	scientific
original	pismire	provincial	scimitar
originate	pistil	punctilio	scintillate
pacific (P)	pistol	quinsy	scintillation
pacifism	piston	quintet	scripture
paleolithic	pitapat	quiver	scrivener
pantomimic	piteous	quixotic	shifty
paradigm	pity	rabbinical	shingle
parasitic	pivot	recipient	shiver
parishioner	pixy	reciprocal	shrivel
participate	political	reciprocate	shriven
participation	pontifical	reciprocation	sibilant
participle	pontificate	reconciliation	sibyl
particular	postilion	recrimination	sickle
paterfamilias	precinct	refrigerate	sigma
pavilion	precipitate	refrigeration	signal
peninsula	precipitation	rehabilitate	signature
perfidious	precision	rehabilitation	signet

significance	sophistication	terrific	vehicular
significant	soporific	thicket	ventriloquist
signification	specific	thimble	verisimilitude
signify	spicule	thistle	vermillion
silhouette	spigot	thither	vestibular
silica	spinach	tibia	vestigial
siliceous	spindle	ticket	vicar
silicon	spinet	tickle	vicious
silva	spinster	ticktock	vicissitude
silver	spiritual	tidbit	victim
simian	splinter	tilbury	victor (V)
similar	sprinkle	timbale	victoria (V)
similarity	statistical	timber	victory
simile	stickle	timbre	victrola
similitude	stigma	timbral	victual
simony	stigmatize	timid	vigil
simoon	stimulate	timorous	vigilance
simper	stimulation	tincture	vigor
simple	stimulus	tinder	vigorous
simplification	stingy	tingle	villify
simplify	stipulate	tinker	villa
simply	stipulation	tinkle	village
simulate	stipule	tinsel	villain
simulation	stricken	tipsey	vilain
*simultaneous	stricture	titular	villi
sincere	stridulate	transcription	vindicate
*sinecure	stringent	transfiguration	vindication
sineu	striven	transmit	vindictive
single	submit	tribulation	vinegar
singular	subscription	tribunate	vineyard
sinister	subsidiary	tributary	vintage
sinuous	subsist	tribute	vintner
sisal	subsistence	trickle	Virginia
sister	succinct	tricotine	visage
situate	sufficiency	trigonometrical	viscera
situation	sufficient	trigonometry	viscid
sixteen	suffix	trilogy	viscosity
sixty	sunkist	trimeter	viscous
slither	supercilious	trinket	visible
sliver	superficies	triple	vision
smithereens	superscription	triplicate	visit
snicker	superstitious	triptych	visitation
snivel	supervision	triturate	vista
solicit	surcingle	trivet	visual
solicitation	surreptitious	trivial	vitiate
solicitude	suspicion	triviality	vitreous
solidification	suspicious	twinkle	vitriol
solidify	swindle	ubiquitous	vivid
soliloquy	swivel	until	vivify
solstitial	syphilitic	utilitarian	viviparous
sophistical	tamarind	valedictory	vixen
sophisticated	television	vaudeville	vizard

visier	whisper	wilderness	wither
vociferate	whistle	wimple	witness
vociferation	whither	winded	wizard
vociferous	wicker	window	wizened
whimper	wicket	winkle	wimble
whimsy	widgeon	winter (W)	wrinkle
whirligig	widow	wisdom	zigzag
whisker	wigwam	wisteria	zither
whiskey	wilder	wistful	

2.2b i in the closed stressed syllable of the endings ility, inity, idity, etc., as in ability [əbɪlətɪ], affinity [əfɪnɪtɪ], humidity [hjumɪdɪtɪ].

ability	docility	invisibility	rigidity
acceptability	domesticity	irritability	rusticity
accessibility	duetility	legibility	senility
acclivity	duplicity	liability	sensibility
acidity	durability	magnanimity	sensitivity
activity	eccentricity	malleability	servility
adaptability	elasticity	masculinity	simplicity
advisability	electricity	mobility	sociability
affability	eligibility	multiplicity	solubility
affinity	equability	mutability	stability
agility	equanimity	nativity	sterility
alkalinity	excitability	navigability	stolidity
amiability	facility	nobility	stupidity
antiquity	feasibility	obliquity	sublimity
aridity	felicity	passivity	subtlety
audibility	fertility	periodicity	suitability
authenticity	festivity	permeability	susceptibility
availability	fixity	placidity	tangibility
avidity	flexibility	plasticity	timidity
capability	fragility	plausibility	torpidity
captivity	frigidity	possibility	tranquility
catholicity	futility	practicability	trinity
civility	gentility	probability	unanimity
compatibility	hostility	proclivity	utility
complicity	humidity	productivity	validity
conductivity	humility	proximity	variability
contractility	imbecility	publicity	versatility
credibility	inaccessibility	puerility	vicinity
cupidity	indestructibility	pusillanimity	virginity
debility	individuality	putridity	virility
declivity	infallibility	rapidity	visibility
dependability	infinity	receptivity	volatility
desirability	iniquity	relativity	volubility
digestibility	insipidity	reliability	
dimity	intrepidity	respectability	
divinity	inviolability	responsibility	

2.2c i in the closed stressed syllable of the endings icial and ician, as in judicial [dʒudɪʃəl], magician [mədʒɪʃən].

academician	judicial	obstetrician	sacrificial
arithmetician	logician	optician	statistician
artificial	magician	patrician	superficial
beneficial	mathematician	physician	tactician
diagnostician	mechanician	politician	technician
dietician	mortician	prejudicial	
electrician	musician	rhetorician	

2.2d i in the stressed syllabic of the ending istic, as in patristic [pə'trɪstɪk].

altruistic	eulogistic	modernistic	ritualistic
artistic	fatalistic	monopolistic	socialistic
atavistic	idealistic	nationalistic	spiritualistic
cabalistic	imperialistic	naturalistic	statistic (s)
cannibalistic	individualistic	optimistic	sylogistic
capitalistic	linguistic	patristic	theistic
characteristic	materialistic	pietistic	
egotistic	militaristic	rationalistic	

2.2e i in the stressed closed syllable of ition, as in volition [vo'lɪʃən].

abolition	demolition	intuition	proposition
acquisition	deposition	juxtaposition	provision
addition	disquisition	monition	recognition
admonition	ebullition	munition	rendition
ambition	edition	nutrition	repetition
ammunition	exhibition	opposition	requisition
apparition	expedition	partition	sedition
attrition	exposition	parturition	superstition
audition	erudition	perdition	supposition
coalition	extradition	petition	tradition
cognition	fruition	position	transition
composition	ignition	practitioner	tuition
condition	inanimation	premonition	volition
contrition	inhibition	preposition	
definition	inquisition	prohibition	

2.2f i in the stressed closed syllable ism, as in baptism [bæptɪzəm].

absolutism	aneurism	archaism	baptism
albinism	animalism	asceticism	barbarism
alcoholism	animism	astigmatism	bimetallism
amateurism	antagonism	atavism	cannibalism
anachronism	aphorism	atheism	capitalism

catechism	industrialism	pugilism
catholicism	intellectualism	radicalism
classicism	invalidism	rationalism
commercialism	journalism	realism
communism	liberalism	republicanism
conservatism	magnetism	rheumatism
criticism	mannerism	romanticism
cynicism	materialism	sadism
denominationalism	mechanism	scepticism
despotism	mesmerism	schism
determinism	metabolism	scholasticism
dogmatism	militarism	sectionalism
dualism	modernism	sensationalism
eclecticism	monasticism	sentimentalism
egoism	monism	skepticism
egotism	monometallism	socialism
embolism	mysticism	solecism
emotionalism	nationalism	sovietism
empiricism	naturalism	specialism
euphemism	nepotism	spiritism
evangelism	nominalism	spiritualism
exorcism	opportunism	stoicism
fanaticism	optimism	syllogism
fascism	organism	symbolism
fatalism	ostracism	synchronism
favoritism	pacifism	syndicalism
fetishism	paganism	terrorism
feudalism	parallelism	theism
formalism	parasitism	totemism
galvanism	paternalism	transcendentalism
heathenism	patriotism	truism
heroism	pauperism	unionism
humanitarianism	pessimism	utilitarianism
hypnotism	pietism	vandalism
idealism	plagiarism	vegetarianism
imperialism	propagandism	vulgarism
incendiarism	proselytism	witticism
individualism	provincialism	

2.2g i initially in closed stressed syllables in a few words of Latin or Greek origin, and in the closed prefixes il, im, in, ir, inter.

ibid	idiotic	ignorant
ichthyosaurus	igneous	ignore
*ideograph	ignite	ilium
*ideology	ignition	illegal
idiotcy	ignoble	illegible
idiom	ignominious	illegitimacy
idiomatic	ignominy	illegitimate
idiosyncrasy	ignoramus	illiberal
idiot	ignorance	illicit

illimitable	immoral	impersonally	improbability
illiteracy	immorality	impersonate	improbable
illiterate	immortal	impersonation	impromptu
illogical	immortality	impertinence	improper
illumine	immortalize	impertinent	improperly
illuminant	immovable	imperturbable	impropriety
illuminate	immune	impervious	improve
illumination	immunity	impetuosity	improvidence
illumine	immunize	impetuous	improvident
illusion	immure	impetus	improvisation
illusory	immutable	impiety	improvise
illustrate	impact	impinge	imprudence
illustration	impair	impious	imprudent
illustrative	impairment	implacable	impudence
illustrious	impalpable	implant	impugn
imagination	impale	implement	impulse
imagine	impanel	implicate	impulsion
image	impart	implication	impunity
imago	impartial	implicit	impure
imam	impartially	implore	impurity
imbecile	impartiality	imply	imputation
imbecility	impassable	impolite	impute
imbed	impasse	impolitic	inability
imbibe	impassible	import	inaccessibility
imbricate	impassioned	importance	inaccessible
imbroglio	impassive	important	inaccuracy
imbrue	impatience	importation	inaccurate
imbue	impatient	importunate	inaction
imitate	impatiently	importune	inactive
imitation	impeach	importunity	inactivity
immaculate	impeachment	impose	inadequacy
immaterial	impermanent	imposition	inadequate
immature	impearl	impossibility	inadmissible
immaturity	impeccable	impossible	inadvertently
immeasurable	impede	impost	inadvisable
immeasurably	impediment	impostor	inalienable
immedicay	impel	imposture	inane
immediate	impend	impotence	inanimate
immemorial	impenetrable	impound	inanimation
immense	impenitent	impoverish	inanity
immerse	imperative	impracticable	inapplicable
immersion	imperceptible	impractical	inappropriate
immigrant	imperceptibly	imprecation	inapt
immigrant	imperfect	impregnable	inaptitude
immigrate	imperfection	impregnate	inarticulate
immigration	imperfectly	impregnation	inartistic
imminent	imperial	impresario	inattention
immobile	imperialistic	impress	inattentive
immobility	imperial	impressible	inaudible
immoderate	imperial	impression	inaugurate
immodest	imperial	impressive	inauguration
immolate	imperial	imprint	inauspicious
immolation	imperial	imprison	inborn

inbred	incomparable	inculcation
incalculable	incompatibility	incumbent
incalculably	incompatible	incumber
incandescence	incompetence	incunabula
incandescent	incompetency	incur
incantation	incompetent	incurable
incapable	incomplete	incurious
incapacitate	incomprehensible	incursion
incapacity	incoherence	indebted
incarcerate	incompressible	indecent
incarceration	inconceivable	indecision
incarnadine	inconceivably	indecisive
incarnate	inconclusive	indecorous
incarnation	incongruity	indeed
incase	incongruous	indefatigable
incautious	inconsequence	indefeasible
incendiary	inconsequent	indefensible
incense	inconsequential	indefinable
incentive	inconsiderable	indefinite
inception	inconsiderate	indefinitely
incessant	inconsistency	indelible
incest	inconsistent	indelicate
incestuous	inconsolable	indemnification
inchoate	inconspicuous	indemnify
incidence	inconstancy	indemnity
incident	inconstant	indent
incidental	incontestable	indentation
incinerate	incontinence	indenture
incipient	incontinent	independence
incise	incontrovertible	independency
incision	inconvenience	independent
incite	inconvenient	indescribable
incision	inconvertible	indestructibility
incite	incorporate	indestructible
incivility	incorporation	indeterminate
inclemency	incorporeal	index
inclement	incorrect	indian (I)
inclination	incorrigible	indicate
incline	incorruptible	indication
inclose	increase	indicative
inclosure	incredible	indict
include	incredibly	indifference
inclusion	incredulity	indifferent
incognito	incredulous	indifferently
incoherent	increment	indigence
incombustible	incriminate	indigenous
income	incrust	indigestible
incoming	incrustation	indigestion
incommod	incubate	indignant
incommensurable	incubation	indignation
incommodious	incubus	indignity
incommunicable	inculcate	



indigo	inescapable	inflexibility	inimitable
indirect	inestimable	inflexible	iniquity
indirection	inevitable	inflict	initial
indirectly	inexcusable	infliction	initiate
indiscreet	inexhaustible	inflow	initiation
indiscretion	inexorable	influence	inject
indiscriminate	inexpedient	influential	injection
indispensable	inexpensive	influenza	injudicious
indispose	inexperience	influx	injunction
indisposed	inexpert	infold	injure
indisposition	inexplicable	inform	injurious
indisputable	inexplicable	informal	injury
indissoluble	inexpressive	informality	injustice
indistinct	inexpressible	informally	inlaid
indistinctness	inextinguishable	informant	inland
indistinguishable	inextricable	information	inlay
indite	infallibility	informative	inlet
individual	infallible	infrared	inly
individuality	infamous	infraction	inmate
indoctrinate	infamy	infrequent	inmost
indivisible	infancy	infrequently	innate
indolence	infant	infringe	innervate
indomitable	infanticide	infuriate	innocence
indorse	infantile	infuse	innocent
indubitable	infantry	infusion	innocuous
induce	infatuate	ingenious	innovate
induct	infatuation	ingenuity	innovation
induction	infect	ingenuous	innuendo
indue	infection	inglorious	innumerable
indulge	infelicity	ingot	inoculate
indulgence	infer	ingrain	inoculation
indulgent	inference	ingrained	inoffensive
industrial	inferential	ingrate	inoperative
industrious	inferior	ingratiates	inopportune
industry	inferiority	ingratitude	inordinate
inebriate	inferno	ingredient	inorganic
inebriety	infertile	ingress	inquest
ineffable	infest	ingrowth	inquietude
ineffaceable	infidel	inhabit	inquire
ineffective	infidelity	inhabitant	inquiry
ineffectual	infiltration	inhabitation	inquisition
inefficiency	infinite	inhalation	inquisitive
inefficient	infinitesimal	inhale	inroad
inelastic	infinitive	inharmonious	inrush
inelasticity	infirm	inhere	insane
inelegant	infirmity	inherent	insanity
ineligible	inflame	inherit	insatiable
inept	inflammable	inhibit	insatiate
inequality	inflammation	inhibition	inscribe
inequitable	inflammatory	inhospitable	inscription
ineradicable	inflate	inhuman	inscrutable
inert	inflation	inhumanity	insect
inertia	inflection	inimical	insectivorous

insecure	instruct	interchangeable
insecurity	instrument	intercollegiate
insensate	instrumental	intercolonial
insensibility	insubordinate	intercommunication
insensible	insubordination	intercourse
insensitive	insubstantial	interdependence
inseparable	insufferable	interdependent
insert	insufficiency	interdict
insertion	insufficient	interdiction
inset	insular	interest
inshore	insulate	interfere
inside	insulation	interference
insidious	insult	interfuse
insight	insuperable	interim
insignia	insupportable	interior
insignificance	insurance	interject
insignificant	insure	interjection
insincere	insurgent	interknit
insincerity	insurmountable	interlace
insinuate	insurrection	interlock
insinuation	intact	interlocutor
insipid	intaglio	interloper
insipidity	intake	interlude
insist	intangible	interlunar
insistence	integer	intermarry
insole	integral	intermarriage
insolence	integrate	intermeddle
insolent	integration	intermediary
insoluble	integrity	intermediate
insolvency	integument	interminable
insolvent	intellect	intermingle
insomnia	intellectual	intermission
insouciance	intelligence	intermit
inspect	intelligent	intermittent
inspection	intelligible	intermix
inspiration	intemperance	intermixture
inspire	intemperate	intern
inspirit	intend	internal
instability	intense	international
install	intensification	internationalism
installation	intensify	internationalist
instance	intensive	internationalize
instant	intent	internationally
instantaneous	intention	interne
instead	inter	internecine
instep	interaction	interpenetrate
instigate	intercalate	interpolate
instigation	intercede	interpellation
instill	intercellular	interpolation
instinct	intercept	interpose
institute	intercession	interposition
institution	interchange	interpret

interpretation	introvert	irascible
interregnum	intrude	iridescence
interrelation	intrusion	irradiate
interrogate	intrust	irrational
interrogative	intuition	irreclaimable
interrogation	intuitive	irreconcilable
interrogatory	inundate	irrecoverable
interrupt	inure	irredeemable
interruption	invalidate	irreducible
intersect	invalid	irrefragable
intersection	invalid	irrefutable
interspace	invalidism	irregular
intersperse	invade	irregularity
interstate	invaluable	irrelevance
interstice	invariable	irrelevant
interstitial	invasion	irreligion
intertwine	invective	irreligious
intertwist	inveigh	irremediable
interurban	inveigle	irreparable
interval	invent	irrepressible
intervene	inventory	irreproachable
intervention	inverness	irresistible
interview	inverse	irresistibly
interweave	invert	irresolute
interwoven	invertibrate	irresolutely
intestate	invest	irresolution
intestine	investiture	irrespective
intimacy	investigate	irresponsibility
intimate	inveterate	irresponsible
intimation	invidious	irretrievable
intimidate	invigorate	irreverence
into	invincible	irreverent
intolerable	inviolability	irreversible
intolerance	inviolable	irrevocable
intonation	inviolate	irrigable
intone	invisibility	irrigate
intoxicant	invisible	irritability
intractable	invitation	irritable
intreat	invite	irritate
intrench	invocation	irruption
intrenchment	invoice	isolate
intrepid	invoke	issue
intrepidity	involucre	isthmian
intricacy	involuntary	isthmus
intricate	involuntarily	italic
intrigue	involution	italicize
intrinsic	involve	Italy
introduce	invulnerable	iterate
introduction	inweave	
introspection	inwrought	

2.2h dis in the closed prefixes dis, mid, mis.

disability	discontinue	dishonor
disable	discontinuity	dishonorable
disabuse	discontinuous	disillusion
disadvantage	discord	disillusionment
disadvantageous	discount	disinclination
disaffected	discountenance	disinclined
disaffection	discourage	disinfect
disagree	discouragement	disinfectant
disagreeable	discourse	disinfection
disagreement	discourteous	disinherit
disallow	discourtesy	disintegrate
disallowance	discover	disintegration
disappear	discredit	disinter
disappearance	discreditable	disinterested
disappoint	discreet	disinterestedness
disappointment	discrepancy	disjoin
disapprobation	discrete	disjoint
disapproval	discretion	disjointed
disapprove	discriminate	disjunction
disapprovingly	discrimination	disjunctive
disarm	diserown	dislike
disarmament	discursive	dislocate
disarrange	discuss	dislocation
disarrangement	discussion	dislodge
disarray	disdain	disloyal
disavow	disembark	disloyalty
disband	disembarkation	dismal
disbar	disembody	dismantle
disbelief	disembowel	dismay
disbelieve	disenchant	dismember
disburden	disencumber	dismemberment
disburse	disengage	dismiss
discard	disengaged	dismount
discharge	disingenuous	disobedience
disclaim	disentangle	disobedient
disclose	disestablish	disobey
disclosure	disestablishment	disorder
discolor	disesteem	disorderly
discoloration	disfavor	disorganization
discomfit	disfigure	disorganize
discomfiture	disfigurement	disown
discomfort	disfranchise	disparage
discompose	disgorge	disparity
discomposure	disgrace	dispart
disconcert	disgruntled	dispassionate
disconnect	disguise	dispatch
disconnection	disgust	dispel
disconsolate	disharmony	dispensary
discontent	dishearten	dispensation
discontented	dishonest	dispense
discontinuance	dishonesty	dispeople

disperse	diservice	midday	misguide
dispersion	dissever	midiron	misguided
dispirit	dissimilar	midland	mishandle
displace	dissimilarity	midmost	mishap
display	dissimulation	midrib	mishear
displease	dissipate	midriff	misinform
displeasure	dissipation	midship	misinformation
disport	dissociate	midst	misinterpret
disposable	dissociation	midway	misjudge
dispose	dissolute	midwest	mislaid
disposition	dissolution	midwestern	mislay
dispossess	dissonance	midwife	mislead
dispraise	dissuade	midwifery	misleading
disproof	distaff	midwinter	misled
disproportion	distain	midyear	mislike
disproportional	distal	misadventure	mismanage
disproportionate	distance	misanthropic	mismanagement
disprove	distant	misanthropy	misname
disputable	distaste	misapplied	misnomer
disputant	distemper	misapprehension	misplace
disputation	distend	misbehave	mispronounce
dispute	distension	misbehavior	misquote
disqualification	distention	misbeliever	misread
disqualify	distich	miscalculate	misrepresent
disquietude	distill	miscalculation	misrepresentation
disquiet	distillate	miscall	misrule
disquisition	distillation	miscarriage	missay
disregard	distinct	miscarry	misshape
disreputable	distinction	mischance	misshapen
disrepute	distinguish	mischievous	misspell
disrespect	distort	mischievous	misspent
disrespectful	distortion	misconceive	misstatement
disrobe	distract	misconception	misstep
disrupt	distract	misconduct	mistook
disruption	distrain	misconstrue	misstate
dissatisfaction	distrain	miscreant	mistreat
dissatisfied	distract	misdeed	mistrial
dissatisfy	distract	misdeed	mistrust
dissect	distress	misdeed	mistrustful
dissection	distribution	misdirect	misunderstand
dissemble	distributive	misdoing	misunderstanding
disseminate	district	misdoubt	misunderstood
dissemination	distrust	misfit	misuse
dissension	disturb	misfortune	
dissent	disunion	misgave	
dissertation	disunite	misgiving	
	disuse	misgovernment	

2.21 i in a stressed syllable before doubled consonants.

admissible	drizzle	jittery	pillar
admission	emission	kitten	pillion
admittance	escadrille	kitty	pillory
armadillo	fiddle	linnet	pillow
artillery	fillet	litter	pinna
bacillus	fillip	little	pinnacle
balbriggan	finnanhaddie	littoral	pinnacle
banditti	fission	mantilla	pinnate
biddy	fissure	maxilla	pippin
billet	fizzle	* maxillary	pittance
billiards	flibbertigibbet	midden	pitterpatter
billion	flippancy	middle	puissance
billingsgate	flivver	middy	quadrille
binnacle	flotilla	millet	quibble
bitter	frippery	milliard	quillet
blizzard	fritter	milliampere	quittance
brilliance	frizzle	milligram	remittance
brilliant	fulfill	milligramme	ribbon
brittle	generalissimo	millimeter	ribbon
*carillon	gibber	millimetre	riddle
caterpillar	gibbet	milliner	riffle
chiffon	gibbon	millinery	riffraff
chiffonette	giddy	million	ripple
chiffonier	giggle	minnow	sarsaparilla
chinchilla	gillyflower	missal	scintilla
*chirrup	gizzard	missile	scissors
cinnabar	glimmer	mission	scribble
cinnamon	glitter	missis	scrimmage
cirrus	gorilla	mitten	shibboleth
commission	griddle	mizzen	shilling
committal	griffin	narcissus	shimmer
committee	grizzled	nibble	silly
*cordillera	grizzly	niggard	simmer
cribbage	guerrilla	nigger	sissy
cripple	guillemot	ninny	sizzle
crisscross	guillotine	nippel	skillet
dibble	hiccup	noncommittal	skipper
differ	higgledypiggledy	omission	slipper
difference	hillbilly	papilla	sniffle
different	hillock	* papillary	snigger
differential	hippopotamus	peccadillo	stipple
difficult	illicit	permissible	submission
difficulty	intermittent	permission	tiddlywinks
diffidence	irreligion	permissive	tiffin
dinner	irreligious	persimmon	tippet
distill	irresistible	pianissimo	tipple
ditto	jiffy	piccolo	tissue
ditty	jiggle	pickaninny	titter
dizzy	jimmy (J)	piffle	tittle
dribble	jitters	pillage	tranquillity

transmissible	vanilla	wiggle	wriggle
transmission	whiffletree	William	written
trigger	whinny	willow	zinnia
trillion	whippet	willynilly	
twiddle	whippoerwill	winnow	
twitter	whittle	witty	

2.3 ae, a, ea, ee, ey, i, ie, y before final or intervocalic r in stressed syllables (except heard), as in hear [hɪr, hie].

Before r in the same syllable, the [i] of earlier English has been reduced to [ɪ] . . . When [r] may be pronounced either at the end of one syllable or at the beginning of the next, as in hero and zero, we are likely to use [ɪ] if we pronounced [r] in the same syllable, as in [zɪr-o], but likely to use [i] if we pronounce [r] in the next syllable, as in [zi-ro].²

adhere	brassiere	commandeer	eyrie
adherence	brigadier	compeer	fear
aery	buccaneer	criterion	fierce
ameer	cafeteria	cuirassier	financier
amir	carabineer	dear	fleer
ampere	carabinier	dearie	frontier
anterior	career	deary	funereal
appear	cashier	deer	fusileer
arrears	cashmere	*deleterious	gazetteer
arrearage	cavalier	delirious	gear
arterial	cereal	delirium	gondolier
arteriosclerosis	cerement	deteriorate	grenadier
atmosphere	cerium	deterioration	hear
auctioneer	chandelier	diphtheria	hearer
austere	chanticleer	dirigible	here
bacteria	charioteer	domineer	*hero
bactericidal	cheer	drear	hysteria
bacteriological	cheerily	ear	imperial
bacteriologist	chevalier	eerie	imperious
bacteriology	chiffonier	electioneer	incoherence
bacterium	chimaera	emir	inferior
bandoleer	chimera	empiric	inferiority
bandelier	clear	engineer	inherent
beard	clearance	era	interfere
beer	cohere	ethereal	interference
bier	coherence	experience	interior
blear	coherent	exterior	jeer

² Charles K. Thomas, An Introduction to the Phonetics of American English. (New York: The Ronald Press Company, 1947) pp. 48-49.

jeer	pier	shear	tyrannize
lyric	pierce	sheer	tyrannous
magisterial	pioneer	shire	tyranny
managerial	pirouette	sidereal	ulterior
material	posterior	sincere	valerian
materialize	premier	sirrah	veer
meerschauum	presbyterian	sirup	veneer
mere	privateer	smear	venereal
ministerial	profiteer	sneer	vireo
miracle	pyramid	souvenir	virile
mirror	*pyriform	spear	virulence
mountaineer	queer	sphere	virulent
muleteer	query	spheroid	vizier
musqueteer	racketeer	*spiracle	vizir
mutineer	rear	spirit	volunteer
mynheer	revere	spirituality	wearily
myriad	revers	spiritualize	weary
mysterious	satiric	spirometer	weir
near	sclerotic	*stearin	weird
nercid	sear	steer	we're
nirvana	seer	stereoscope	wistaria
pamphleteer	seersucker	stereotype	wisteria
peer	sere	stirrup	year
peri	serial	superior	yearling
period	series	superiority	ye're
periodic	serious	tear	*zero
periodicity	serous	tearful	
perseverance	serum	tearless	
persevere	severe	tier	

2.4 y in closed monosyllables and closed stressed syllables of polysyllables, as in nymph [nimf], pygmy [pigmi].

abysm	chrysoprase	eylsuim	hypocritical
abyss	crypt	*empyreal	hyssop
alyssum	crypt	*encyclical	idyllic
amaryllis	cryptigram	eucalyptus	lymph
analytic	crystal	forsythia	lymphatic
aneurysm	crystallize	glycerin	mystery
anonymity	*cyclamen	gryphon	mystic
apocalypse	cygnet	gym	mystification
asphyxiate	*cyclic	gymnasium	myth
asphyxiation	cylinder	gymnast	mythical
asymmetry	*cynosure	gyp	mythological
bicycle	cymbal	gypsum	nymph
byssus	cynic	gypsy	panegyric
cataclysm	cynicism	hieroglyph	paralytic
cataclysmic	cyst	hymn	paroxysm
chlorophyll	dysentery	hypnotism	pharyngeal
chrysalis	dyspepsia	hypnotize	physic
chrysolite	electrolytic	hypocrite	physicist

physiognomy	sybarite	synagogue	syrup
physiographic	sycamore	synchronize	system
physiography	sycophant	syncopate	systematic
physiological	syllable	syncopation	systemic
physiology	syllogism	syndic	tricycle
polygamy	sylyph	syndicalism	trypsin
polygonal	sylvan	syndicate	tryst
pygmy	symbol	synod	tympanum
pyx	symbolic	synonym	typical
rhythm	symbolise	syntax	tyrannical
rhythmic	symmetry	synthesis	*xylophone
salicyclic	sympathetic	syphilis	yclept
saprophytic	sympathize	syphilitic	
strychnin	sympathy	syringe	
styptic	symptom	syrinx	

2.5 a in a few closed syllables. See section 3.2a for a in closed syllables.

England	English	pretty	*sacrilegious
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2.6 ui before ld and lt in a few closed syllables.

build	built	guild	guilt
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2.7 Exceptionally in the following words:

<u>ee</u>	<u>ie</u>	<u>o</u>	<u>u</u>
been	sieve	women	busy
breeches			busily
			business

3. THE SOUND [ɛ]

The spellings of [ɛ] are:

1. e in closed monosyllables, except as below.
2. e in closed stressed syllables of polysyllables, except as below.
3. a before intervocalic r and rr.
4. ea in a few words, except as below.
5. e, ee, ai, ie before final r, except as below.
6. ae and oe, except as below.
7. ai, except before r, in a few words.
8. Exceptional spellings: a, ei, eo, ey, in syllables closed by consonants other than r.

Note: For other pronunciations of spellings of [ɛ], see:

1. e in syllables closed by consonant and final silent e, section 1.1.
2. ea, section 1.6
3. ae and oe, section 1.10.
4. ai, sections 13.10, 12.3, 4.4.

The distribution of [ɛ] in English words is as follows:

1. In closed syllables, initially and finally, as in echo ['ekou], consent [kənsent].
2. In open syllables--does not occur.

Words with [ɛ] grouped for practice as follows:

3.1 e in closed monosyllables, except when closed by consonant and final silent e, as in bless [bles]. See note in section 2.1 concerning final silent e in a few of the words.

beck	best	check	cress	dent	ebb	else
bed	bet	chef	crest	depth	edge	elves
beg	bled	cheque	debt	desk	eft	em
belch	blench	chess	deck	dredge	egg	end
bell	blend	chest	deft	dregs	el	etch
belle	bless	clef	delft	drench	eld	fed
belt	blest	cleft	dell	dress	elf	fell
bench	bred	clench	delve	drest	ell	felt
bend	cell	creme	den	dwell	elm	fen
bent	cent	crept	dense	dwelt	elk	fence

fend
 fetch
 fox
 flock
 fled
 flash
 flax
 French
 frere
 fresh
 fret
 friend
 gem
 gens
 gent
 get
 glen
 guess
 guest
 hedge
 heft
 held
 hell
 helm
 help
 helve
 hem
 hemp
 hen
 hence
 jell
 Jess
 jest
 jet
 keg
 kelp
 ken
 kept
 ketch
 knell
 knelt
 led
 ledge
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 leg
 lend
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lex
 melt
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 neck
 nest
 net
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 peck
 peg
 pelf
 pelt
 pen
 pence
 pent
 pep
 pest
 pet
 phlegm
 plebs
 pledge
 prep
 press
 quell
 quench
 quest
 reck
 red
 reft
 rend
 rent
 rest
 scent
 sect
 sedge
 self
 sell
 selves
 sen
 send
 sense
 sent
 set
 sex
 she'd
 shelf
 shell
 shelve
 shent

shred
 sketch
 sled
 sledge
 slept
 smell
 smelt
 snell
 speck
 sped
 spell
 spelt
 spend
 spent
 squelch
 stem
 stench
 step
 steppe
 strength
 stress
 stretch
 swell
 tell
 tempt
 ten
 tend
 tense
 tent
 test
 text
 theft
 them
 then
 thence
 thresh
 trek
 trend
 tress
 twelfth
 twelve
 veld
 vend
 vent
 vest
 vet
 vetch
 vex
 web
 wed
 wedge
 weft

welch
 weld
 well
 welsh
 welt
 wen
 wench
 wend
 went
 wept
 west
 wet
 wheelk
 whelm
 whelp
 when
 whence
 whet
 wreck
 wren
 wrench
 wrest
 wretch
 yell
 yelp
 yen
 yep
 yes
 yet
 zest

3.2a e in closed stressed syllables of polysyllables, as in adept [ə'dept].

object	apathetic	attestation	brunet
absent - v.	apex	augment	burlesque
abstention	apologetic	augmentation	cabaret
academia	apoplectic	authentic	cadet
accelerate	apoplexy	authenticate	callisthenic
accent - v.	append	authenticity	calomel
accentuate	appendectomy	avenge	calumet
accept	appendicitis	barometric	camelopard
acceptable	appendix	baronet	*cantilever
acceptance	apprehend	bassinet	caramel
acceptation	apprehension	beckon	caravel
accidental	apprehensive	bedlam	*carburetor
accredit	apprentice	beheld	carcanet
acetylene	arabesque	behest	carrousel
acquiesce	archipelago	beldam	cartel
adept	architect	belfry	castanets
adolescence	architectural	benedicite	cataleptic
advent	architecture	benedict	celandine
adventitious	argumentation	benefactor	celebrant
adventure	argumentative	benefice	celebrate
aesthetic	arithmetical	beneficence	celebration
affect - v.	arrest	beneficial	celebrity
affectation	arsenic - adj.	beneficiary	celery
affection	arsenical	benefit	celestial
affectionate	asafetida	benevolence	celibacy
alembic	asbestos	benison	cement
aliment	ascend	benzene	cemetery
alimentary	ascendancy	benzoate	cenotaph
allege	ascension	benzoin	cancer
amanuensis	ascent	benzol	censor
ambidextrous	ascetic	bequest	ensorious
amen	ascetism	bereft	censure
*amenable	aseptic	*beret	census
amend	aspect	beset	centaur
*amenity	asphodel	besprent	centavo
amnesty	assemble	bestial	centenarian
ancestor	assembly	bevel	centenary
ancestry	assent	beverage	center
anchoret	asset	bevy	centigrade
anemone	asseverate	bezel	centigram
anent	asseveration	biceps	centimeter
anesthetic	asymmetrical	bimetallism	centipede
anesthetist	athletic	biped	central
angelic	attempt	bisect	centralization
anginae pectoris	attend	blemish	centralize
annex - v.	attention	brethren	centre
annexation	attentive	brevet	centrifugal
antenna	attenuate	*breviary	centripetal
antiseptic	attest	brevity	centurion

century	compliment - v.	context	degeneration
*chalcedony	complimentary	continental	defected
chemic	comprehend	contraceptive	dejection
chemical	comprehensible	contravention	delectable
chemist	comprehension	convalesce	delphinium
chemistry	comprehensive	convalescence	delta
chesterfield	concentric	convection	deluge
chestnut	concept	convent	demagogue
chevalier	conception	conventicle	demented
cheviot	conceptual	convention	dementia
chevron	concerto	conventional	demigod
cholesterol	concierge	convex	demi-john
circumferential	condemn	convexity	democrat
circumspect	condemnation	coquetry	*demonstrable
circumspection	condensation	cornel	denim
circumvent	condense	cornet	denizen
citadel	condescend	coronet	density
clandestine	condescension	correct	dental
clarinet	confection	correction	dentifrice
clarinet	confectionery	correlative	dentine
clematis	confederacy	corselet	dentist
clemency	confederate	cortage	dentition
clepsydra	confederation	cortex	departmental
clever	confidential	cosmetic	depend
clientele	congenital	credentials	dependence
coalesce	congest	credibility	deputy
coalescence	congestion	credible	descend
codex	conjectural	credit	descent
coed	conjecture	credulous	desert -n.
coeducational	connect	crescent	dēspot
coextensive	connection	crescendo	despotism
coincidental	connexion	crevice	detect
collect	conquest	curvet	detection
collection	conscientious	cyclamen	detention
collective	consecutive	damosel	detest
commemorate	consensus	damosel	detestation
commemoration	consent	debenture	develop
commence	consequence	December	developmental
commend	consequent	decemvir	devil
commensurate	consequential	deception	dexter
comment	contemn	deceptive	dextrin
compel	*contemplate	declension	*diabetic
compendious	*contemplative	decrepit	diadem
compendium	contemporaneous	defect	dialect
compensatory	contemporary	defection	diametrical
competitive	contempt	defend	dietetic
competitor	contemptuous	defence	differential
complement - v.	contend	defense	differentiate
complementary	content -adj.-v.	deflect	differentiation
complex	contention	deflection	digest - v.
complexion	contest	degeneracy	digestion
complexity	contestant	degenerate	dimension

diminuendo	electromotive	extensive	*genealogical
direct	electron	extent	*genealogy
direction	electrophorus	extenuate	genera
discontent	electroscope	extremity	general
discrepancy	electrum	febrile	generality
discretion	elementary	February	generalization
discretionary	eleven	fecund	generalize
disembarkation	embed	federal	generate
disembowel	emetic	federate	generation
dishaveled	endemic	federation	generosity
dispel	energetic	feldspar	generous
dispensary	engender	felon	genesis (G)
dispensation	enmesh	felony	genetic
dispense	entrrench	felspar	genital
dissect	envelop	felucca	genitive
dissection	envenom	feminine	genteel
dissemble	environmental	ferment	gentian
disseminate	ephemeral	fermentation	gentile
dissemination	epidemic	festa	gentility
dissension	epilepsy	festal	gentle
dissent	epileptic	fester	gently
distend	epithet	festival	genuflection
distension	equestrian	festive	genuine
distention	erect	festivity	geodetic
divest	erection	festoon	gesticulate
dividend	especial	*fetid	gesticulation
document -v.	esthetic	*fetish	gesture
documentary	eugenic	fetlock	governmental
domestic	evanesence	fidelity	grenadier
domesticate	evangelical	fiesta	grotesque
domestication	excelesior	flageolet	hacienda
domesticity	excrecence	flexibility	hecatomb
duet	exegetical	flexible	heckle
duodecimo	exemplar	flexure	hectic
dyspepsia	exemplary	fluorescence	hector (H)
eclectic	exemplification	foment	hegemony
egreg	exemplify	fomentation	hegira
eject	exempt	forensic	helicopter
ejection	exemption	forever	helmet
elect	expect	forfend	*helot
election	expectancy	forget	helterskelter
electric	expectation	frankincense	*hematite
electrician	expectorate	freckle	hemisphere
electricity	expectoration	frenzied	hemispherical
electrification	expel	frenzy	*hemoglobin
electrify	expense	fresco	hemorrhage
electro	expensive	fundamental	henchman
electrocute	extemporaneous	gazelle	Henry
electrocution	extempore	gecko	heptarchy
electrode	extemporize	gelatin	hermetically
electromagnet	extend	gelding	hesitancy
electrometer	extension	gender	hesitate

hesitation	infinitesimal	lecture	*medieval
heterodox	inflection	legacy	meditate
heterogeneous	influential	legate	meditation
hexagon	influenza	legend	medlar
hexagonal	ingenuous	legibility	medley
hexameter	inject	legible	medullary
hornblende	injection	legislate	megaphone
hotel	innuendo	legislation	melancholy
hygienic	insect	legislature	melodrama
hypothetical	insensate	legume	melodramatic
ibex	inspect	leman	melody
identical	inspection	lemon	melon
identification	instrumental	lenity	member
identify	instrumentality	Lenten	membrane
ilex	instrumentation	lentil	membranous
immense	insurrection	leper	memento
impediment	integrity	leprosy	memoir
impel	integument	lethargy	memorandum
impend	intensification	levee	memorize
impetuosity	intensify	level	memory
impetuous	intensive	*lever	menace
impregnable	intent	leveret	mendacity
impregnate	intention	levity	mendicant
impregnation	intercept	levulose	meningitis
incandescence	interest- v.	levy	menstruation
incendiary	interject	lexicography	mensuration
incense	interjection	lexicon	mental
incentive	intervention	licentious	mentality
inception	intestate	lieutenant	menthol
incest	intestine	longevity	mention
incestuous	intrepid	*machete	mentor
incidental	introspection	magenta	menu
inclement	invective	magnetic	mesmeric
incommensurable	invent	majestic	mesmerism
incontestable	invest	majestically	mesquite
indelible	investiture	malcontent	mestizo
indemnification	investigate	malevolent	metabolism
indemnify	inveterate	mangonel	metabolic
indemnity	iridescence	manifest	metal
indentation	irreconcilable	manifestation	metalliferous
indenture	irrefragable	marcel	metalloid
index	irrefutable	marmoset	metallurgical
inept	irrelevance	martinet	metallurgy
inevitable	irreparable	mayhem	metamorphose
inexorable	irrevocable	mechanician	metamorphosis
inexpiable	isometric	mechanism	metaphor
inextricable	jetsam	mechanize	metaphysical
infect	kinetic	medal	metaphysician
infection	lament	medical	metaphysics
inferential	lapel	*medicament	metatarsal
infest	latex	medicate	metempsychosis
infidel	lecherous	medicine	methane

method	obsolescent	pendent	piquet
methyl	obstetric	pendulous	placenta
methylen	obstetrician	pendulum	plebiscite
metric	obstreperous	penetrate	plectrum
metronome	occidental	penetration	plenary
metropolitan	offend	penguin	plenipotentiary
minaret	offense	penitence	plenitude
minuend	*omega	penitent	plenteous
minuet	opalescent	penitential	plenty
*miserere	orchestral	penitentiary	plethora
molecular	orient -v.	pension	plethoric
molest	oriental	pensive	plexus
molestation	orientation	pentagon	poetic
momentous	ornament -v.	pentagonal	polemic
monumental	ornamental	pentameter	polenta
nebula	ornamentation	pentathlon	portend
nebulous	ostensible	pentecostal	portent
necklace	ostentation	penury	potential
neckerchief	overwhelm	pepsin	potentiality
necromancy	oyez	percent	preceptor
necropolis	parallel	percept	precept
necrosis	parapet	perceptible	precious
nectar	parental	perception	predestinate
nectareous	parenthesis	perfect -v.	presumption
nectarine	parenthetical	perfection	preempt
negative	parliamentary	perpetual	prefect
neglect	parquet	perpetuate	prefecture
negligee	passementerie	perpetuation	prehensile
negligence	pastel	perplex	prehension
negligent	pathetic	perplexity	prentice
negligible	pathogenic	personnel	presbyterian(P)
nemesis	pectin	perspective	presbytery(P)
nepenthe	pectoral	pesky	presentable
nephew	peculation	pestiferous	presidential
nephridium	pedagogical	pestilent	presto
nephritis	pedagogue	pestilence	pretend
nepotism	*pedal	pestilential	pretense
nescience	pedant	paste	pretension
nestle	pedestal	petal	pretentious
nether	pedestrian	petiole	prevent
neurasthenic	pedigree	petit	prevention
never	pediment	petrel	primogeniture
noel (N)	pedlar	petrification	proem
nonentity	pelican	petrify	project -v.
nonsense	pelvic	petrol	projectile
November	pelvis	petulance	projection
nutmeg	*penalize	phlegmatic	pronunciamento
*obesity	penalty	phonetic	propel
object -v.	penance	phosphorescence	propensity
objection	penchant	phrenology	prophetic
objective	pencil	picturesque	prospect
*obscenity	pendant	pimento	prospective

protect	relevant	second	sensual
protection	relic	section	sensuous
protest	relish	sector	sentence
providential	remember	secular	sententious
prudential	remembrance	sedative	sentient
pueblo	remnant	sediment	sentiment
quadruped	*rendezvous	sedimentary	sentimentality
quartet	rendition	sedulous	sentinel
question	renegade	segment	sentry
quiescence	repel	segmentation	separate
quintet	repent	segmental	separation
rebec	repentance	segregate	September
rebel-n.	repertoire	segregation	septic
rebel-v.	repertory	seldom	septum
receptacle	replenish	select	sepulcher
reception	reprimand	selection	sepulture
receptive	reptile	selfish	sequester
recipe	reptilian	seltzer	sequesterate
reckon	reputation	salvage	sequestration
recrudescence	request	semaphore	serenity
rectal	*requiem	semblance	sesame
rectangle	rescue	semester	seven
rectangular	resemblance	semiannual	seventeen
rectification	resemble	semiarid	seventy
rectify	resent	semicircle	sever
rectitude	resin	semicircular	several
rector	respect	semicolon	severance
rectory	resplendent	semiconscious	sextant
rectum	restaurant	semifinal	sextet
redemption	restaurateur	semilunar	sexton
refaction	retention	seminal	sexual
refectory	retina	semiofficial	shekel
reference	retinue	semiprecious	sheldrake
reflect	retrousse	semitone	shelter
reflection	veille	semitropical	shepherd
reflex	revenge	semolina	shibboleth
regicide	revenue	sempiternal	siesta
regimen	reverence	sendal	skeleton
regiment-n.	reverend	senate	skeptic
regiment-v.	reverential	senator	slender
regimental	reverie	senatorial	solemnity
regimentation	revery	seneschal	soviet(S)
register	rhetoric	*senor	special
registration	rhetorician	*senora	specialization
regret	rhododendron	*senorita	specialize
regular	ricochet	sensation	specify
regularity	rondel	sensibility	specimen
regulate	rudimentary	sensible	speckle
regulation	sacramental	sensitive	spectacle
reject	scepter	sensitivity	spectacular
rejection	sceptic	sensitize	spectator
relent	schedule	sensory	specter

spectroscope	technological	testamentary	ventricle
spectrum	technology	testator	ventriloquist
speculate	telegram	testify	venture
speculation	telegraph	testimony	vertex
spencer(S)	telegrapher	tetanus	vesical
spinneret	telegraphic	tether	vesper
splendid	telegraphy	textile	vestibule
splendor	telephatic	textual	vestige
splenetic	telepathy	texture	vestry
splenic	telephone	theoretical	vesture
statuesque	telephonic	threshold	veteran
stencil	telephony	together	veterinary
stenographic	telephoto	torture	vexation
stentorian	telephotograph	tourniquet	vexatious
stethoscope	telescope	trajectory	vilayet
stipend	television	transcend	volumetric
stockinet	temper	transcendental	vortex
strenuous	tempera	transept	Wednesday
stupendous	temperament	treble	welcome
subdeb	temperamental	tremble	welfare
subject - v.	temperance	tremendous	welkin
subjection	temperate	tremolo	walter
subsequent	temperature	*tremor	wether
subtrahend	tempest	tremulous	wrestle
suggest	tempestuous	trenchant	yolept
suggestion	temple	trencher	yesterday
superintend	tempo	trepidation	yestereve
superintendent	temporal	trespass	yesternorn
supplement-v.	temporary	tristle	yesternight
supplementary	temporize	triceps	yesteryear
supplemental	temptation	tsetse	zenana
supremacy	tenable	tutelary	zephyr
surrender	tenant	twenty	
susceptibility	tendency	unfrequented	
susceptible	tender	unkempt	
suspect	tendon	utensil	
suspend	tendril	vector	
suspense	tenement	vegetable	
suspension	*tenet	vegetarian	
swelter	tenon	vegetate	
swimmeret	tenor	vegetation	
symmetrical	tensile	velvet	
sympathetic	tension	vendor	
synthetic	tentacle	venerate	
systemic	tentacular	veneration	
taboret	tentative	venery	
tangential	tenuity	vengeance	
technic	tenuous	venison	
technical	tenure	venom	
technician	tepid	ventilate	
technique	testa	ventilation	
technocracy	testament	ventral	

3.2b e in the stressed suffixes de, pre, re when they carry the connotations of back, again, or of priority; and are not before vowels or h. See section 1.3c.

debauchee	derelict	prelude	relevant
debit	dereliction	premise	relic
debonair	derivation	preparation	remedy
debutante	derogate	preposition	reminisce
decade	derogation	prescience	reminiscence
decadence	descant	presence	* renaissance
decadent	deseccate	present -n.	renovate
decalog	deseccation	presentation	renovation
decigram	desiccate	preservation	reparation
decimal	designate	presidency	repartee
decimate	designation	president	repetition
decimeter	desolate	presidential	replica
declamation	desolation	prestige	reprehend
declaration	desperado	preterit	reprehensible
declination	desperate	prevalence	represent
decorate	desperation	prevalent	representation
decorative	despicable	reciprocity	reprobate
decorus	destination	recitation	reprobation
decrement	destine	recitative	requisite
dedicate	destitute	reclamation	requisition
*defamation	destitution	recluse	reservation
deference	desuetude	recognition	reservoir
deferential	desultory	recognize	residence
deficit	*detonate	recollect	residential
definite	*detonation	recollection	residue
definition	detriment	recommend	resignation
*deformation	detrimental	recommendation	resolute
degradation	devastate	recompense	resolution
delectation	devastation	reconcile	resonance
delegate	devoir	reconciliation	resonator
delegation	devolution	recondite	respiration
deleterious	devotee	reconnoiter	respiratory
delicacy	*prebendary	record	respite
delicate	*precedence	recreant	restitution
delicatessen	*precedent	*recreate	restoration
delinquent	precipice	*recreative	* resume
demolition	predatory	*recreation	resurrect
demonstrable	predecessor	recusant	resurrection
demonstrate	predicate	redolent	reticence
demonstration	predication	referee	retribution
demonstrator	predilection	reference	retrograde
*denudation	preface	referendum	retrogression
*deposition	prefatory	*reformation	retrospect
*depot	preferable	refuge	retrospection
deprecate	preference	refugee	revel
deprecation	preferential	refuse	revelation
deprecatory	prejudice	refutation	revocation
depredation	prejudicial	relative	revolution
deprivation	prelacy	relativity	
deputation	prelate	relegate	

3.2c a initially when stressed. See section 1.2c for words with initial a pronounced either [i] or [ɪ]. The list below contains some words which begin with an unstressed em or en. These words would normally be pronounced with [ɪ], but since they are not very familiar words, the spelling pronunciation predominates.

ebon	elevation	empress	entertain
ebony	eligibility	emprise	entity
ebullition	eligible	empty	entomological
eccentricity	elocution	empurpled	entomology
echelon	eloquence	empyreal	entrails
echo	eloquent	empyreal	entrance-n.
eclogue	emanate	emulate	entrant
*economic	emanation	emulation	entresol
ecru	embarcation	encaustic	entry
ecstasy	embargo	enchain	envelope
ectoderm	embassage	enchase	envenom
eddy	embassy	encomium	enviable
edible	embattle	encyclical	envious
edification	embed	encyst	environmental
edifice	ember	endemic	envisage
edify	emblazon	*endive	envoy
edit	emblazonry	endocrine	envy
editor	emblem	endosperm	enwrap
editorial	emblematic	endothelial	enzyme
educate	embolism	enema	epaulet
education	embosom	enemy	ephemeral
efferent	embower	energetic	*ephod
effervesce	embrasure	energize	ephor
effervescence	embroil	energy	epic
efficacious	embrown	enfilade	epicure
efficacy	embryo	engine	epicurean
effigy	embryology	engineer	epidemic
efflorescence	embryonic	engraft	epidermis
effluence	emendation	*enigmatic	epigram
effort	emerald	enkindle	epilepsy
eglantine	emery	enmesh	epileptic
*ego	emigrant	enmity	epilogue
*egotism	emigrate	ensample	episode
*egotistic	emigration	ensanguine	epitaph
elbow	eminence	ensconce	epithalamium
elder	eminent	enshroud	epithelium
*eleemosynary	emissary	ensign	epithet
elegance	emmet	ensilage	epoch
*elegiac	emperor	ensnare	*equability
elegy	emphasis	ensue	*equable
element	emphasize	entablature	*equanimity
elementary	empire	enter	*equatorial
elephant	empiric	enteric	equerry
elevate	emporium	enterprise	equipage

equipose	esthete	excavate	expedite
equitable	esthetic	excavation	expedition
equity	estimable	excellence	expeditious
eremite	estimate	excellent	expert
errand	estimation	excitation	expiate
errant	estrangle	exclamation	expiation
erroneous	estuary	excommunicate	explanation
error	ethical	excommunication	expletive
erudite	ethics	excrement	explicable
erudition	ethnic	execrable	explication
escadrille	ethnical	execrate	exploitation
escalator	ethnological	execration	exploratory
escallop	ethnology	execute	exportation
escapade	ethyl	execution	exposition
escarole	ethylene	exegesis	exquisite
escarpment	etiquette	exeunt	extirpate
eschew	etymological	exhalation	extirpation
escriptorire	etymology	exhibition	extra
esoteric	evanescence	exhortation	extradite
especial	evanescent	exhumation	extradition
esplanade	ever	exigency	extricate
esprit	every	exile	exudation
espy	evidence	exit	exultation
esquire	evident	exodus	
essay-n.	evocation	exorcise	
essayist	evolution	expatriate	
essence	exaltation	expatriation	
ester	exarch	expectation	

3.24 e in a stressed syllable before a doubled consonant.

abbettor	cellar	confetti	duenna
aigrette	cello	congressional	duress
appellant	cellophane	coquette	effervesce
assess	cellular	coquettish	effervescence
bannerette	celluloid	cranberry	effete
barrette	cellulose	cresset	efflorescence
beggar	centennial	croquette	egress
belladonna	cerebellum	daguerreotype	embellish
belleslettres	cessation	damoiselle	embezzle
bellicose	cession	delicatessen	epaulette
bellow	cesspool	demoiselle	express
belly	cherry	depress	expression
berry	chiffonette	depression	falsetto
better	cigarette	derrick	fellow
biennial	comediienne	*deterrent	felly
bowlegged	compress	digress	fennel
brunette	compression	digression	ferret
camellia	concession	dilemma	ferric
caress	confess	dinette	ferrous
cayenne	confession	duello	ferrule

ferry	marionette	poinsettia	spaghetti
fetter	marquissette	possess	statuette
fettle	meddle	possession	stellar
finesse	mellow	precession	stilletto
flammelette	merry	predecessor	success
gazette	message	pressure	succession
gemmule	messaline	process	successive
georgette	messenger	procession	suffragette
gerrymander	messieurs	profess	suppress
ghetto	mettle	profession	suppression
hellebore	mezzanine	professor	tellurium
hello	mezzotint	progress-v.	tennis
henna	mignonette	progression	terrace
herring	millennium	progressive	terracotta
impeccable	necessitate	punchinello	terrain
impression	necessity	quadrennial	terrapin
impressive	nettle	quintessence	terrazzo
incessant	noblesse	rebellion	terrestrial
ineffable	novelte	rebellious	terrible
ingress	obsess	recess	terrier
intelligence	obsession	recession	terrify
intelligent	operetta	regress	territory
intelligentsia	oppress	rennet	terror
intelligible	oppression	rennin	terrorize
intercession	oubliette	repellent	tessellate
interrogate	palmetto	repression	toilette
interrogation	parterre	retrogression	transgress
inverness	pebble	retting	transgression
jelly	peccadillo	rosette	trellis
jennet	peccary	roulette	triennial
jenny	peddle	secession	umbrella
jessamine	pellet	sempress	*unerring
jetty	pellmell	senna	unless
kennel	pemmican	sennight	vedette
kettle	pennant	serrate	vellum
kitchenette	pennon	serried	vendetta
knighterrant	penny	sessile	vermicelli
lamella	pepper	session	vessel
layette	perennial	settee	vorticella
lazaretto	pessimism	settle	wedding
lesson	pessimist	sextette	wherry
letter	petticoat	sherry	yellow
libretto	pfennig	sierra	zeppelin
lorgnette	pipette	silhouette	
mademoiselle	pirouette	soubrette	

3.2e e before r in stressed syllables, followed by a vowel. r usually has a modifying influence in the preceding vowel and er in stressed syllables followed by another vowel is often pronounced with [ɪ] or [ɛ]. See sections 2.3 and 11.1.

America	derivation	kerosene	pterodactyl
asperity	derogate	meretricious	querulous
atmospheric	derogation	merit	seraph
austerity	dexterity	millinery	seraphim
beret	dysentery	miserere	serenade
beriberi	emeritus	misericord	severity
beryl	esoteric	monastery	sheriff
bolero	experiment	numerical	sincerity
caballero	experimental	peregrination	sombrero
celerity	experimentation	peregrine	spherical
cemetery	ferule	*peremptory	stationery
cerebellum	generic	pericardium	*stereoscope
*cerebral	gerund	perihelion	*stereotype
ceremonial	hemispherical	peril	sterile
ceremony	herald	perilous	sterilization
cherish	heraldic	peripatetic	sterilize
cherub	heresy	periscope	temerity
cherubim	heretic	perish	therapeutic
*chimerical	heritable	peristalsis	therapy
cleric	heritage	peritoneal	vaguer
clerical	heroin	peritonitis	verification
confectionery	heroine	periwig	verify
*cordillera	heron	periwinkle	verisimilitude
deleterious	hysteria	peroration	veritable
demerit	hysteric	posterity	verity
derelict	imperative	presbytery	very
dereliction	inherit	prosperity	

3.3a a before r finally or before another vowel is subject to regional variations. In these words, [ɛ] is used in all regions.¹

area	gregarious	malaria	variation
burglarious	harumscarum	multifarious	variegate
calcareous	herbarium	variable	various
commissariat	invariable	variance	vicarious

¹ [ɛɪ] is often used in the pronunciation of many of these words by S speakers.--Leonard Bloomfield, "The Stressed Vowels of American English." Language. XI, (June, 1935), 112.

3.3b a in the stressed ending ary, its adverbial form arily, and arian is pronounced [ɛ] in all regions. In general these endings are stressed in American usage, although a few individuals may use the unstressed form, as in dictionary ['dikʃənəri, 'dikʃənəri].

adversary	dromedary	*maxillary	salivary
agrarian	emissary	medullary	salutary
ancillary	epistolary	mercenary	sanctuary
antiquarian	estuary	military	sanguinary
apiary	evolutionary	missionary	sanitarian
apothecary	expeditionary	momentarily	sanitary
aquarium	extraordinary	momentary	secondary
arbitrarily	February	monetary	secretary
arbitrary	fiduciary	mortuary	sectarian
authoritarian	formulary	necessary	sedentary
aviary	fragmentary	obituary	seminary
barbarian	functionary	octogenarian	solitary
beneficiary	funerary	ordinary	stationary
canary	grammarian	ovarian	statuary
capillary	hereditary	*papillary	subsidiary
*caravansary	honorary	parliamentarian	summarily
centenarian	humanitarian	pecuniary	sumptuary
centenary	imaginary	pituitary	supernumerary
ciliary	incendiary	planetary	temporary
commentary	intermediary	plenipotentiary	tertiary
commissary	itinerary	proletarian	traditional
constabulary	janissary	prebendary	tributary
contemporary	janizary	precautionary	tumultuary
contrary	January	preliminary	urinary
corollary	judiciary	primarily	utilitarian
culinary	lapidary	primary	vagary
customary	latitudinarian	probationary	vary
depository	legendary	precessionary	vegetarian
dictionary	legionary	proprietary	veterinarian
dietary	librarian	pulmonary	veterinary
dignitary	library	reactionary	visionary
disciplinary	literary	residuary	vocabulary
discretionary	luminary	reversionary	voluntary
domiciliary	Mary	revolutionary	voluptuary
			wary

3.3c ai, ea, a before r in final stressed syllables and derived forms are pronounced [ɛ] or [æ] in GA and E and [æ] in S.2 Most of these words are monosyllables. For the pronunciation of the r in these words, see section 32.1e.

² Hans Kurath, Linguistic Atlas of New England. (Providence: Brown University, 1939), p. 396.

affair	corsair	laird	scary
air	dare	laissezfaire	share
airily	debonaire	mare	snare
airy	declare	millionaire	solitaire
aware	despair	mohair	spare
bairn	doctrinaire	pair	square
bare	eclair	pare	stair
bear	fair	pear	stare
beware	fairy	prayer-n.	swear
blare	fare	prepare	tare
cairn	flair	questionnaire	tear
care	flare	rare	ware
chair	glair	rarefy	wear
chary	glare	repair	welfare
clairvoyant	hair	savoirfaire	
compare	hare	scare	
concessionaire	lair	scarce	

3.3d A few words spelled with a before rr followed by a vowel are usually pronounced with [æ] in S but may be pronounced with either [ɛ] or [æ] in GA and E.³

carriage	garret	marrow	parrot
carrier	harridan	marry	parry
carriion	harrier	narrate	sparrow
carrot	harrow	narration	tarragon
carry	harry(H)	narrative	tarry
farrier	marriage	narrow	yarrow
farrow	married	parricide	

3.3e a before r and another vowel becomes [ɛ] or [æ] according to the regional pattern as in charity ['tʃɛrɪti, 'tʃæriti].

apparent	barrow	carillon	clarionet
barite	caparison	cascara	clarity
barium	carabineer	character	comparative
baritone	caramel	characteristic	comparison
barometric	carapace	characterize	faro
baron	carat	charactery	harem
baronet	caravan	chariot	hilarious
barrack	caravansary	charitable	transparency
barrel	caravel	charity	transparent
barren	caraway	claret	
barricade	caret	clarify	
barrier	caribou	clarinet	
barrister	caricature	clarion	

³ Ibid., p. 408.

3.4 ea is always [ɛ] in closed monosyllables and stressed syllables of polysyllables. This list included some past tenses of certain verbs and derivatives of other words; as, stealth from steal. See sections 1.6 and 12.9.

bedstead	endeavor	*leapt	steady
bread	feather	leather	stealth
breadth	*forehead	leaven	sweat
breakfast	head	meadow	sweater
breast	health	meant	thread
breath	heather	measure	threat
breathless	heaven	peasant	treacherous
cleanliness	heavily	pheasant	treachery
cleanly-adj.	heaviness	pleasurable	tread
cleanse	heavy	pleasure	treadle
dead	*hogshead	*read	treasure
deaden	homestead	readily	treasury
deaf	instead	ready	wealth
dealt	jealous	realm	weapon
death	*lead	spread	weather
dread	loaden	stead	zealot
dreamt	leant	steadiness	zealous

3.5 ei, ie, ee before r in final stressed syllables in a few words. For other pronunciation of these spellings before r, see section 2.3.

boutonniere	e'er	their	where
brassiere	ere	there	
coheir	mynheer	they're	
confrere	ne'er	tuyere	

3.6 ae and oe in a few words. For other pronunciations of these Latin and Greek digraphs, see section 1.10.

aerial	aesthete	anaesthetize	quaestor
aeronaut	aesthetic	asafoetida	
aeroplane	anaesthetist	faerie	

3.7 ai in a few words. For other pronunciations of words with ai, see sections 4.4, 12.3, 13.10.

again	dairy	said	*waistcoat
against	laissez faire	*saith	

3.8 Exceptionally in the following words:

<u>a</u>	<u>ei</u>	<u>eo</u>	<u>ey</u>	<u>u</u>
any	heifer	jeopard	eyrie	burial
catchup	*leisure	jeopardy	reynard	bury
many	nonpareil	leopard		tilbury
plague				unburied
rutabaga				

4. THE SOUND [æ]

The spellings of [æ] are:

1. a in closed monosyllables, except as below.
2. a in closed stressed syllables of polysyllables, except as below.
3. a in the so-called "broad -a" words.
4. ai in a few words.
5. i before m and n in French words.

Note: For other pronunciations of spellings of [æ], see:

1. a in monosyllables closed by consonant and final silent e, section 12.1a.
2. a in monosyllables and stressed syllables of polysyllables closed by l and ll, section 6.3.
3. ai, section 12.3 and 13.10.
4. a before final and intervocalic r, sections 3.3, 10.1.

The distribution of [æ] in English words is as follows:

1. In closed syllables, initially and finally, as in aspect ['æspekt], cenotaph ['senetæf, 'senetaf].
2. In open syllables--does not occur.

Words with [æ] grouped for practice as follows:

4.1 a in closed monosyllables (except a few words closed with ll), as in pan [pæn].¹

act	am	as	back	ban	bast	blank	branch
ad	an	ash	bad	band	bat	blast	brand
add	and	asp	bade	bank	batch	bract	brant
adz	ant	at	badge	banns	blab	brad	brass
adze	apse	ax	bag	bash	black	brag	brat
alp	apt	baa	bah	bass	bland	bran	cab

¹ Words like have and badge are other examples where final silent e indicates pronunciation of former Middle English orthographic u and gg as [v] and [dʒ], rather than the lengthening of the foregoing vowel.--Wright, New English Grammar, p. 13.

cache	drag	has	pal	soan	swam
cad	dram	hash	palp	scant	swank
cam	drank	hasp	pan	scat	tab
camp	fact	hast	pang	sorag	tack
can	fad	hat	pant	soram	tact
cant	fag	hatch	pap	scrap	tag
cap	fan	hath	pat(P)	scratch	talc
cash	fang	have	patch	scrimp	tam
cask	fat	jab	pax	shack	tamp
casque	flag	jack (J)	plan	shad	tan
cat	flange	jackal	plank	shag	tang
catch	flank	jag	plaque	shall	tank
champ	flap	jam	plash	shalt	tap
chap	flash	jamb	plat	sham	tat
chasm	flask	jazz	quack	shank	tax
chat	flat	knack	quaff	shrank	than
clack	flax	lab	rack	slab	thank
clad	franc	lack	raft	slack	that
clam	France	lad	rag	slag	thatch
clamp	frank(F)	lag	ram	slam	thrash
clan	gab	lamb	ramp	slang	thwack
clang	gad	lamp	ran	slant	tract
clank	gaff	lance	ranch	slap	tram
clap	gag	land	rang	slash	tramp
clash	gang	lank	rank	slat	trap
crab	gap	lap	rant	smack	trash
crack	gape	lapse	rap	smash	twang
crag	gas	lash	rapt	snack	valve
cram	gash	lass	rash	snag	vamp
cramp	gat	latch	rat	snap	van
crank	glad	lax	razz	snatch	vas
craps	gland	ma'am	sac	span	vat
crash	gnash	mad	sack	spank	wag
crass	gnat	*mall	sacque	spasm	wax
dab	grab	man	sad	spat	whack
dad	grad	manse	sag	splash	wrack
daft	graft	map	sal	sprang	wrap
dam	gram	mash	salve	sprat	yak
damn	grand	mass	sand	stab	yam
damned	hack	mat	sang	stack	yank
damp	had	match	sank	stag	yap
Dan	haft	nab	sans	stamp	
dang	hag	nag	sap	stance	
dank	ham	nap	sash	stanch	
dash	hand	nape	sat	stand	
drab	hang	pack	scab	strand	
drachm	hank(H)	pact	scalp	strap	
draff	hap	pad	soamp	swag	

4.2a a in closed stressed syllables of polysyllables (except a few words in which the syllable is closed by l and ll), as in phantom [^fæntəm].

abandon	baluster	blasphemous	calorimeter
abash	balustrade	blasphemy	calumet
abstract-n.	bambino	bombast	calumny
academician	bamboo	bonanza	*calyx
academy	bamboozle	boomerang	cambium
acanthus	banal	*borax	camel
acetanilid	banal	bracket	cameo
acrobat	banana	bracken	camera
adamant	bandeau	brackish	camion
adapt	banderman	bramble	camisole
adaptation	bandit	brandish	camomile
*alarum	banditti	brandy	camouflage
alcalde	bandoleer	bricabrac	campaign
alfalfa	bandy	bureaucrat	campanula
almanac	banish	burlap	camphor
alpaca	banister	cabal	campus
amalgam	banjo	cabalistic	canal
amalgamate	bankrupt	cabaret	canalize
amanuensis	banquet	cabin	canalize
amaranth	banshee	cabinet	canape
anachronism	bantam	cachet	cancel
analogous	banter	cackle	cancellation
analogy	bantling	cactus	cancer
analysis	banyan	cadaverous	candelabrum
anathema	baptism	cadmium	candid
anatomist	baptistry	cafe	candidacy
animadversion	baptize	cafeteria	candidate
animadvert	basalt	calabash	candidature
animalcule	basilisk	calaboose	candied
antagonism	*basrelief	calamus	candle
antagonize	bastard	calash	candor
anthrax	bastille	calcify	candy
aristocrat	bastinado	calcimine	canister
asparagus	bastion	calcine	canker
aspect	batik	calcite	canon
*asphalt	batiste	calcium	canonization
*asphaltum	baton	calculate	canonize
autocrat	beatify	calculation	canopy
baboon	beatitude	calculus	can't
bachelor	began	calendar	cantaloupe
bacteria	begat	caliber	cantankerous
bactericidal	benefactress	calibrate	canteen
bacteriologist	benefactor	calibre	canter
bacteriology	bibliographical	calico	cantilever
bacterium	biographical	*calif	cantle
bagatelle	bivouac	calipers	canto
balance	blackguard	caliphate	canton
balbriggan	blanket	calomel	cantonal
balcony	blaspheme	calorie	cantonment

canvas	catechise	clamor	culdesac
canyon	catechism	clamorous	cyanogen
capacity	catechist	clandestine	*dachshund
capaple	catechize	clangor	dactyl
capillary	catechumen	clapboard	*dahlia
capita	categorical	clavicle	damage
capital	category	climax	damask
capitalization	caterpillar	*coadjutor	damnable
capitalize	caterwaul	coagulation	damnation
capitation	catheter	coagulate	damoiselle
capitol (C)	cathode	cognac	damosel
capstan	catholic (C)	collaborate	dampen
capsule	catholicity	collaboration	damsel
captain	catkin	collaborator	damson
caption	catnip	collapse	dandelion
captious	catsup	collateral	dander
captivate	cavalcade	combat	dandle
captive	cavalier	*combative	dandruff
captivity	cavalry	*commandant	dandy
captor	cavern	compact	dangle
capture	caviar	companion	dastard
caput	cavil	companionate	*data
cargaf	cavity	compatibility	davenport
cardiac	centigram	compatible	davit
carol (C)	chalcedony	*complaisance	debacle
carom	chalet	*complaisant	debutante
casacara	chalice	comrade	decant
cartilaginous	chambray	concatenation	decapitate
caryatid	chamfer	concavity	decigram
cascade	chamois	concordat	declamatory
cashew	champagne	confabulate	declaratory
cashier	champaign	confidant	*defalcation
cashmere	champion	congratulate	defamatory
casket	chandelier	congratulation	democrat (D)
castanets	chanson	congratulatory	demoniac
castellated	chanticleer	consanguinity	descant
castigate	chapel	constabulary	despatch
castigation	chaperon	contact	detach
castle	chaplain	contaminate	detract
castrate	chaplet	contamination	detraction
casual	chapter	contraband	diagonal
casuist	chastise	contractile	diagram
cataclysm	chastity	contractility	diameter
cataclysmic	chasuble	contraction	diaphanous
catacomb	chateau	contractual	diffraction
catafalque	chatelaine	contralto	digitalis
cataleptic	chimpanzee	contraption	dilapidated
catalogue	chrysanthemum	contrast	dilapidation
catalpa	cinematograph	coriander	dilettante
catamount	circumambient	corral	diplomat
cataract	circumstance	crackle	disparage
catastrophe	circumstantial	cranberry	distract
catastrophic	cisalpine	cravat	distract
*catchup	clamber	criminality	divan

dragon	extract	franklin (F)	graphite
dramatization	extraction	fraternize	grapnel
dramatize	extravaganza	gabardine	gratification
drastic	fabricate	gadget	gratify
dryad	fabrication	* gala	gratis
duralumin	fabulous	galaxy	gratitude
dynast	facade	* gallant	gratulate
egad	facet	galvanism	gratulation
ejaculate	facile	galvanize	gravel
ejaculation	facsimile	galvanometer	gravitate
elaborate	faction	gamble	gravitation
elaboration	factionous	gambol	grimalkin
elapse	factitious	gamin	guarantee
elasticity	factory	gamut	gymnast
elegiac	factotum	gander	haberdasher
elephantine	factual	ganglia	habergeon
emancipate	faculty	ganglion	habit
emancipation	fagot	gangrene	habitat
emasculate	family	gantlet	habitation
enamel	famine	garish	habitude
enamcr	famish	gaseous	hackney
entablature	fancy	gasket	halberd
enthusiasm	fandango	gasoline	halbert
enthusiast	fantasy	gastropod	halcyon
epigram	fascas	gather	halibut
epitaph	fascia	gavel	halidome
eradicate	fascinate	gazetter	halitosis
establish	fascination	gelatinous	halogen
evacuate	fascism	genealogy	halyard
evacuation	fascist	gerrymander	hamper
evaluate	fashion	glace	handicap
evaluation	fastidious	glacis	handicraft
evangel	fatuous	gladiatorial	handiwork
evangelical	fiasco	* gladiola	handkerchief
evangelist	fiat	glamour	handle
evaporate	finance	glamorous	hanker
evaporation	financial	glandular	hansel (H)
exacerbate	financier	gonad	hansom
exact	flagellation	grackle	haphazard
exaction	flageolet	gradual	harangue
exactitude	flagon	graduate	* harass
exam	flambeau	graduation	hasn't
examination	flamboyant	gramophone	havelock
examine	foraminifera	granary	haven't
exasperate	forbade	grandam	haversack
exasperation	formaldehyde	grandame	havoc
exclamatory	fraction	grandee	hazard
expand	fracture	grandeur	hepatic
expans	fragile	grandiloquence	hexagonal
expansion	fragment	grandiose	hexameter
expansive	franchise	granite	hidalgo
explanatory	frankfurter	granulate	hilarity
extant	frankincense	granule	humanitarian

hydrangea	lachrymal	magical
hypocondriac	lackadaisical	magisterial
iconoclast	lackey	magistrate
imagination	lacquer	magnanimity
imagine	lacteal	magnanimous
immaculate	lactic	magnate
implacable	lactose	magnesia
inanity	lambaste	magnesium
incantation	lambent	magnet
incapacitate	lamentable	magnetic
incunabula	lamina	magnetize
indefatigable	lamine	magneto
infanticide	lamination	magnific
infatuate	lampoon	magnificence
infatuation	lamprey	magnificent
instrumentality	lancet	magnify
intaglio	lanceolate	magniloquence
intangible	landau	magnitude
invalidate	language	magnolia
*invalid	languid	magnum
invaluable	languor	magpie
irascible	lantern	majesty
Italian	lapidary	malachite
italics	lariat	maladjustment
italicize	larynx	maladministration
jabot	lascar	malady
jacinth	laseen	malapert
jackanapes	lateral	malcontent
jackdaw	Latin	malediction
jacket	latitude	malefactor
jaguar	lava	malfeasance
jangle	lavatory	malice
janitor	lavender	malnutrition
janissary	lavish	malodorous
janizary	laxative	maltreat
January	lazaretto	maltreatment
jasmine	liquefaction	manacle
jasper	locale	manage
javelin	macadam	manchet
kafir	macaroni	mandate
kapok	machination	mandatory
khaki	mackintosh	mandible
khan	mackerel	mandolin
kidnap	mackinaw	mandragora
kilogram	madam	manganese
knapsack	madam	mangle
knickknack	mademoiselle	mango
kodak	madras	mangonel
kulak	madrigal	mangrove
laboratory	maenad	maniac
labyrinth	magazine	manicure
lacerate	magdalen (M)	manifest

manifestation	mishap	palisade	perhaps
manifold	monad	palmate	peristalsis
manikin	monogram	palmetto	permanganate
manioc	morale	palpable	phagocyte
manor	mortality	palpitate	phalanx
mansion	mucilaginous	palpitation	phantasm
mantel	municipality	pampas	phantasy
mantelet	mustang	pamper	phantom
mantilla	naiad	pamphlet	*pharyngeal
mantle	nankeen	panacea	philander
manual	naphtha	panama (P)	philanthropist
manufacture	napkin	pancreas	philanthropy
manumission	nascent	pandemonium	phylactery
manuscript	nasturtium	pander	pianist
marabou	national	panegyric	piano
maraschino	nationalize	panel	plaster
marathon	natural	pangolin	pilaster
marigold	naturalize	panoply	piratical
marinade	navigability	panorama	pistachio
marinate	navigate	pansy	pitapat
mariner	navigation	pantaloon	placable
marionette	necromancy	pantheon	placard
marital	neuralgia	panther	placer
maritime	neutrality	pantomime	placid
mascot	newfangled	pantry	placket
maseuline	nirvana	*papillary	planet
masquerade	nizam	papoose	planetary
masticate	nomad	paprika	plantation
mastication	nostalgia	parabola	plasma
mastodon	octagonal	paralysis	plateau
matador	olfactory	partiality	platform
mathematical	oleander	pasha	platinum
mathematician	opthalmia	pastel	platitude
matinee	oracular	pastern	plaza
matins	orangoutang	pasteurize	plutocrat
matrimony	orangutan	paten	polyandry
*matrix	oread	patent	pomegranate
matsoth	pabulum	patentee	portmanteau
maverick	pachyderm	pathogenic	portulaca
maxilla	pacification	pathological	potash
maxillary	pacifist	patio	practicable
maxim	pacify	patois	practical
maximum	package	patrimony	practitioner
mayhap	pageant	*patronage	preparatory
meander	*pajamas	*patronize	prevaricate
mechanical	palace	*pecan	problematical
memorandum	palanquin	pellagra	procrastinate
menagerie	palatal	pentagonal	procrastination
metabolism	palate	pentameter	profanity
miasma	palatinate	pentathlon	*program
mineralogy	palatine	perambulate	propaganda
miraculous	palaver	perambulation	protagonist
misanthropy	palette	*percale	protoplasm

protagonist	rectangle	sanctification	shambles
protoplasm	rectangular	sanctify	shampoo
protract	redaction	sanctimonious	shanghai
psalmody	redan	sanction	shantung
pterodactyl	refract	sanctity	shanty
puritanical	refraction	sanctuary	shellac
pyramidal	refrangible	sanctum	shrapnel
pusillanimous	relax	sandal	slander
putrefaction	relaxation	sandwich	smilax
quadrangle	renaissance	sanguine	soprano
quagmire	retaliate	sanguinary	spangle
quondam	retaliation	sanitarium	spaniel
rabid	retract	sanitary	Spanish
racket	retraction	sanitation	spasmodic
radical	rhapsody	sanity	spatula
radiole	rheostat	saprophyte	spavin
radish	romance	sarcasm	spectacular
rafter	sabot	satchel	sporangia
ragout	sabotage	sateen	stablish
ramble	sacerdotal	satellite	stagnant
ramekin	sachet	satin	stagnate
ramification	sacrament	satire	stagnation
ramify	sacramental	satirist	stalactite
rampage	sacrifice	satirize	stalagmite
rampant	sacrificial	satisfaction	stamina
rampart	sacrilige	satisfactory	stagnate
rancid	sacristan	satisfy	stampede
rancor	sacrosanct	saturate	stanchion
random	sadism	saturation	standard
rankle	sagamore	Saturday	standardize
ransom	salad	saturnine	stanhope
rapid	salamander	satyr	stanza
rapine	salary	savage	statistician
rapture	saleratus	savant	statuary
rascal	salicylic	savoirfaire	statue
ratchet	salivary	saxifrage	stature
ratification	salmagundi	saxophone	statute
ratify	salmon	scalawag	statutory
ratiocination	salsify	scalpel	steapsin
*ration	salutary	scandal	strangle
rational	salutation	scandalize	strangulation
rationality	salvage	scapular	*strata
ratline	salvation	scorab	stratagem
ravage	salver	scavenger	strategist
ravel	salvia	scholiast	strategy
raven	salvo	sciatica	stratification
ravening	*samara	scopolamine	stratify
ravenous	samite	scramble	stratum
ravish	sampan	sedan	stupefaction
reality	samphire	seraglio	substantial
recalcitrant	samurai	shackle	subtract
recant	sanatorium	shadow	subtraction

succotash	tantrum	transfuse	triad
sultana	tapestry	transfusion	triangle
sumac	taploca	transgress	triangular
syntax	tarantula	transgression	typographical
tabard	tavern	tranship	unanimous
tabasco	taxation	transient	vacillate
tabernacle	taxi	transit	vacillation
tableau	technocrat	transition	vacuity
tablet	telegraphic	transitory	vacuole
taboo	telepathic	translate	vacuum
taboret	tentacular	translation	vagabond
tabulate	theatrical	translucent	valance
tabulation	thermostat	transmigration	valedictory
tacit	thorax	transmissible	valentine
taciturn	tintinnabulation	transmission	valet
tackle	topaz	transmit	valiant
tactician	topographical	transmutation	valid
tactile	traction	transmute	valor
tadpole	tractor	transom	valuable
talcum	tragedy	transpacific	valuation
talent	trample	transparency	value
talisman	tranquil	transparent	vampire
talon	tranquillity	transpiration	vandal
tamarind	transact	transpire	vanquish
tambourine	transaction	transplant	vapid
tamoshanter	transcend	transplantation	vascular
tamper	transcontinental	transport	vaseline
tandem	transcribe	transportation	vasomotor
tangent	transcript	transpose	veranda
tangential	transcription	transposition	vernacular
tangerine	transept	transubstantiation	viaticum
tangibility	transfer	transverse	vigilante
tangible	transference	trapeze	vocabulary
tangle	transfiguration	trapezoid	wagon
tango	transfigure	travail	wangle
tankard	transfix	travel	wrangle
tantalize	transform	traverse	xanthous
tantalous	transformation	travertine	zigzag
tantamount	transformer	travesty	zodiac

4.2b **a** in an initial stressed syllable, as in amble
[ˈæmbəl] .

abatis	acquisition	affability	alligator
abbess	acrid	affable	allocate
abbey	acrimonious	affectation	alloy
abbot	acrimony	afferent	allusion
abdicate	acrobat	affidavit	ally -n.
abdomen	actinic	affirmation	almond
aberration	action	affluence	almoner
abigail (A)	activate	agaragar	aloes
abjuration	active	agaric	alpaca
ablative	activity	agate	alpha
abnegation	actor	aggravate	alphabet
abnormality	actress	aggregate	alpine
abolition	actual	agile	*altercation
aboriginal	actuality	agitate	*alternate
aborigines	actuate	agonize	*alternation
abrogate	adage	agony	*alternative
abscess	adamant	agricultural	altimeter
absence	adaptation	agriculture	altitude
absent -adj.	addict -n.	alabaster	alto
absentee	addle	albatross	altruistic
absolute	adenoids	albinism	alum
abstinence	adequacy	albino	alveolar
academe	adequate	album	alveolus
academic	adipose	albumen	amaranth
accent -n.	adjective	albuminous	amaryllis
acceptation	adjunct	alcalde	amateur
access	adjuration	alchemist	amatory
accidence	adjutant	alchemy	amazon
accident	admirable	alcohol	ambassador
accidental	admiral	alcove	amber
acclamation	admiration	alfalfa	ambergris
*acclimate	admonition	algae	ambidextrous
accolade	adolescence	algebra	ambient
accuracy	adoration	algebraic	ambiguity
accurate	adulation	alibi	ambiguous
accusation	advantageous	aliment	ambition
acetanilid	advent	alimentary	amble
acetate	adventitious	alimony	ambrosia
achromatic	adverb	alkali	ambulance
acid	adversary	alkaloid	ambulatory
acidosis	adverse	allegation	ambuscade
acme	advert	allegory	ambush
acne	advertise	allergy	amethyst
acolyte	*advertisement	alley	amicable
aconite	advocacy	*allied	amice
acquiesce	advocate	*allies	amity

ammonite	animadversion	anticlimax	apprehend
ammunition	animadvert	antios	apprehension
amnesia	animal	anticyclone	approbation
amnesty	animalcule	antidote	apricot
amorous	animate	antilogarithm	apropos
amortization	animism	antimony	aptitude
amortize	animosity	antipathy	aquamarine
ampere	animus	antiphonal	aquatint
amphibian	anise	antipodes	aqueduct
amphitheater	aniseed	antiquarian	*aqueous
amphora	ankle	antiquated	aquiline
ample	annal	antique	arabesque
amplification	annalist	antiquity	arable
amplify	annexation	antiseptic	*aria
amplitude	anniversary	antislavery	arid
amply	annotate	antisocial	aristocracy
amputate	annual	antithesis	arithmetical
amulet	annular	antitoxin	aromatic
amyllopsin	annulet	antitrust	arrant
anaconda	annum	antler	arras
analgesia	anode	antonym	arrogance
analyst	anodyne	anvil	arrogate
analytic	anonymity	anxiety	arrow
analyze	antagonism	anxious	arrowy
anarch	antagonize	apanage	asafetida
anarchist	antarctic	apathetic	asbestos
anarchy	ante	apathy	ascertain
anatomical	antecedent	aperture	ascot
ancestor	antechamber	*aphid	ashen
ancestry	antedate	aphorism	asinine
anchor	antediluvian	apogee	asperity
anchovy	antelope	apologia	asphalt
ancillary	antenna	apologue	asphaltum
andiron	anterior	apoplectic	asphodel
anecdote	anteroom	apoplexy	aspic
aneroid	anthem	apostolic	*aspirant
anesthesia	anther	apothegm	aspiration
anesthetic	anthology	appanage	aspirator
aneurism	anthracene	apparatus	aspirin
angelic	anthracite	apparition	asset
anger	anthrax	appellation	assiduity
angina pectoris	anthropoid	appendectomy	assignat
angiosperm	anthropological	appertain	assignment
angle	anthropology	appetite	aster
angrily	anthropomorphic	appetizer	asterisk
angry	anti	apple	asteroid
anguish	antibody	applicable	asthma
angular	antic	applicant	asthmatic
angularity	anticipate	applique	astrakhan
aniline	anticipatory	apposite	astral

astrolabe	atlas	attribute	avocado
astrological	atmosphere	attribution	avocation
astronomical	atmospheric	avalanche	avoirduois
*asymmetrical	atom	avarice	axial
atavism	atomizer	avaricious	axil
atavistic	atomy	avatar	axiom
atelier	atrophy	avenue	axiomatic
athenaeum	attar	average	axis
athlete	attestation	*aviation	axle
athletic	attic	*aviator	azimuth
Atlantic	attitude	avid	azure

4.2c a in the stressed syllable of the endings ality, acity, etc. as in audacity [ɔ'dæsɪtɪ, ɔ'dæsɪti], totality [to'tælɪtɪ, to'tæletɪ].

abnormality	fatality	neutrality	sensuality
actuality	finality	originality	sentimentality
alacrity	formality	partiality	similarity
angularity	frugality	particularity	singularity
artificiality	generality	peculiarity	solidarity
audacity	gravity	personality	spirituality
banality	hospitality	perspicacity	substantiality
barbarity	humanity	pertinacity	superficiality
brutality	individuality	plurality	technicality
calamity	instrumentality	polarity	temporality
capillarity	jocularly	popularity	tenacity
causality	joviality	potentiality	totality
concavity	legality	practicality	triviality
congeniality	liberality	principality	universality
constitutionality	locality	prodigality	urbanity
conventionality	loquacity	pugnacity	venality
conviviality	mendacity	punctuality	veracity
cordiality	mentality	rapacity	vitality
criminality	morality	rascality	vivacity
depravity	mortality	rationality	voracity
duality	municipality	regularity	vulgarity
familiarity	nationality	sagacity	

4.2d a in the stressed syllable of the endings atic, anic, etc., as in static ['stætɪk], tympanic [tɪm'pænɪk].

achromatic	Atlantic	ceramic	didactic
agaric	automatic	chivalric	diplomatic
aldermanic	axiomatic	chromatic	dogmatic
aquatic	barbaric	classic	dramatic
aromatic	boracic	climatic	dynamic
asthmatic	botanic	diagrammatic	dynastic

ecclesiastic	homeopathic	panic	schematic
ecstatic	hydrodynamic	panoramic	schismatic
elastic	iambic	pedantic	scholastic
emblematic	idiomatic	pelagic	seraphic
emphatic	italic	phlegmatic	sporadic
enigmatic	lymphatic	phosphatic	static
enthusiastic	magic	photographic	stenographic
epigrammatic	mathematics	physiographic	stigmatic
erratic	mechanic	plastic	symptomatic
fabric	metallic	pneumatic	systematic
fanatic	monastic	polysyllabic	tartaric
fantastic	morganatic	pragmatic	thoracic
frantic	nomadic	prismatic	titanic
galactic	numismatics	prophylactic	traffic
galvanic	oceanic	psychopathic	tragic
geographic	operative	quadratic	transatlantic
gigantic	organic	rheumatic	transeceanic
graphic	orthographic	romantic	tympanic
heraldic	oxalic	sarcastic	volcanic
hieratic	pancreatic	satanic	

4.2e a before a doubled consonant in a stressed syllable, as in canny [kæni].

aggrandize	bassinet	canny	daffodil
ambassador	basso	carrousel	dagger
apparatus	bassoon	casserole	dalliance
assassin	batten	cassia	dally
assignat	batter	cassock	dapper
babble	battle	cattle	dapple
babbit	bedraggle	chaffinch	dazzle
babbler	bladder	challenge	embarrass
baccalaureate	braggadocio	challie	erratic
bacchanal	braggart	challis	escallop
bacchanalian	brassiere	channel	exaggerate
bacchante	cabbage	chasseur	faggot
backgammon	caddice	chassis	fallacy
baffle	cafein	chattel	fallible
baggage	calla	classic	fallow
ballad	calliopsis	classicism	fatten
ballast	callisthenic	classification	finnanhaddie
ballerina	callous	classify	flabbergast
ballet	callow	clatter	flabby
ballot	callus	compassion	flaccid
ballyhoo	canna	compassionate	flannel
bandanna	cannel	cranny	flatter
banner	cannibal	crevasse	gabby
banneret	cannikin	cuirass	*gallant
bannock	cannon	dabble	galleon
basset	cannot	daddy	gallery

galley	maggot	passé	shallop
galliard	mallard	passementerie	shallow
galliot	malleable	passenger	shammer
gallivant	mallet	passim	shatter
gallon	malleus	passion	slatternly
gallop	mallow	passionate	smattering
gallows	mamma	passive	snaffle
gamma	mammal	passivity	splatter
gammon	mammalian	patten	stagger
garrison	mammary	pattern	stallion
garrulous	mammoth	piazza	stammer
giraffe	mammy	pitterpatter	straddle
grammar	manna	platter	straggle
granny	mannequin	potassium	superannuated
grapple	manner	prattle	swagger
haddock	massacre	rabbi	taffeta
haggard	massé	rabbit	taffrail
haggle	masseuse	rabble	taffy
hallelujah(H)	matter	raccoon	tallow
hallow	mattock	raffia	tally
hammer	mattress	raffle	tanner
hammock	medallion	rally	tannic
happen	metallic	rapport	tannin
happy	*metallurgy	rattan	tassel
*harass	molasses	rattle	tatter
hassock	morass	regatta	tattle
hosanna	mulatto	riffraff	tattoo
infallibility	natty	sabbatical	thallus
inflammable	navvy	saccharine	tobacco
inflammatory	paddle	saffron	traffic
isinglass	paddock	sallow	trammel
kaffir	pallet	sally (S)	tyrannical
kappa	palliate	sapphire	vaccinate
kilogramme	palliation	sassafras	vaccination
ladder	pallid	scabbard	vaccine
laddie	pallium	scaffold	valley
laggard	pallor	scatter	vassal
lassitude	pannier	scrabble	wassail
lasso	pannikin	scraggly	
latter	passage	shabby	

4.2f When initial a appears in a syllable which is unstressed, or very lightly stressed, it may be pronounced with [ə] instead of [æ]. The familiarity of the word will probably determine to what extent it is unstressed. However, Trager and Bloch² feel that in such words there is a weak stress which

² George L. Trager and Bernard Bloch, "The Syllabic Phonemes of English," Language. XVII, (1941), 231.

causes the vowel to retain its characteristic phonemic quality.

Weak-stressed vowels in comparable syllabic situations differ in quality from the strong-stressed vowels . . . but this difference does not justify the postulation of a separate series of phonemes . . . In general it will be seen that the weak-stressed member of a phoneme is more centralized (i.e., pronounced with a tongue position less clearly front or back) than the strong-stressed vowels which it most nearly resembles.

In the following list either [ə] or a lightly stressed [æ] may be used.

abdominal	abstracted	adhere	agnostic
abduct	abstruse	adherence	amino
abhor	absurd	adhesion	anatomy
abhorrence	absurdity	adhesive	annex -v.
abject	academician	administer	annunciation
abjure	accede	administration	apotheosis
ablution	accelerate	admissible	appointee
abnormal	accentuate	admission	aristocrat
absent -v.	accept	admit	arithmetician
abscond	acceptable	admittance	asphyxiate
absolve	acceptance	admixture	asphyxiation
absorb	accessible	admonish	assassinate
absorption	accession	admonitory	assassination
abstain	accessory	adult	essay -v.
abstemious	acknowledge	*advertisement	asymmetry
abstention	address -v.	affix -v.	atoll
abstract -v.	adept	aggrandize	attache

4.3 The following group of words is sometimes called the "broad a" words. GA and S always use [æ] but E uses either [æ], [ɑ], or [a]. Although the term "broad a" usually refers to the sound [ɑ], this sound is not heard as often in E as the [a], or Italian "a".³ This variant pronunciation applies only to the small group of words listed below. It does not by any means include all the words that have parallel spellings. Notice can't [kant, kant], but cant [kant].

³ C. H. Grandgent, Old and New. (Cambridge: Harvard University Press, 1920), p. 185.

a before f, gh, ph [f]⁴

abaft	draft
aft	draught
after	graph
behalf	half
calf	laugh
chaff	shaft
craft	staff
distaff	waft

a before s, sk, sp, ss, st

aghaſt	faſten	maſtiff
alabaſter	gaſp	naſty
alaſ	ghaſtly	paſſ
aſk	glace	paſt
aſſ	glaaſ	paſtime
baſk	graſp	paſtor
baſket	graaſ	paſtoral
caſt	impaſſe	paſture
caſte	laſt	plaaſter
caſtor	maſdraſ	raſp
claſp	maſk	raſpberry
claaſſ	maſque	ſurpaſſ
diſaſter	maſt	taſk
faſt	maſter	treſpaſſ
		vaſt

a before nce, nch, nd, nt

advance	dance
advantage	demand
answer	enchant
avalanche	entrance -v.
blanch	glance
can't	grant
chance	plant
chancel	prance
chancellor	remand
chancery	reprimand
chandler	ſhan't
chant	ſupplant
chantry	trance
command	vantage
countermand	

au before n

aunt

a before th [θ] and ſometimes plural [ð].

bath	lather	rather
baths	path	wraſh
lath	paths	
laths		

a before ma before lv

drama	calve
dramatiſt	halve
example	ſalve
ſample	

a before ch [ʃ]

muſtache
ſoutache

4.4. ai in three words.

nainſook

plaid

*plait

4.5 i before m and n in a few French words where the vowel would be the nasalized vowel in the original language, as in lingerie [lənʒərəi, lənʒəri].

lingerie

meringue

*timbre

5. THE SOUNDS [ʌ], [ɒ], and [ɑ]

The spellings of [ʌ] and [ɒ] are:

1. o in closed monosyllables, except as below.
2. o in stressed syllables of polysyllables closed by consonants other than r.
3. a after w or [w] sound except before r.
4. Exceptional spelling in bureaucracy.

The spellings of [ɑ] and [a] are:

5. a before r in monosyllables and stressed syllables of polysyllables, either finally or before another consonant.

The spellings of [a] alone are:

6. au before n in a few words, except as below.
7. o before intervocalic r and rr, except as below.
8. a, aa, ah in both open and closed syllables in a few words, most of which are foreign words.
9. a in the stressed endings ade, age of French words.
10. oi as [wa] in French words.
11. a, e, i before n in French words.
12. a in stressed syllables of foreign loan-words.
13. a before lm [m] in the same syllable.

Notes: For other pronunciations of spellings of [ʌ], [ɒ], and [ɑ], see:

1. o in closed monosyllables, section 6.5.
2. o in stressed syllables of polysyllables closed by r, sections 6.1
3. a after w or [w] sound before r, section 6.8.
4. a before intervocalic r, section 3.3.
5. au, section 5.6.
6. o before r finally or before a consonant, section 6.7a.

The distribution of [ʌ], [ɒ], and [ɑ] in English words is as follows:

1. [ʌ] only, in open syllables, initially and finally, as in amen ['amen], panama ['pæne.mə].

2. [ʌ], [ɒ], or [ɑ] in closed syllables, initially and finally, as in obvious ['ʌbviəs, 'ɒbviəs], equinox ['ikwɪ.nʌks, 'ikwɪ.nɒks], card [kɑrd, kɑ:d].

Words with [ʌ], [ɒ], and [ɑ] grouped for practice as follows:

5.1 o in closed monosyllables falls into two groups, those pronounced with [ʌ], [ɒ] and those pronounced with [ɔ]. This section deals with the [ʌ], [ɒ] words, and the [ɔ] group will be discussed in section 6.5.

o in monosyllables closed by the consonants shown below is pronounced [ʌ] by GA and S speakers and may be either [ʌ] or [ɒ] by E. speakers.¹

o before b

bob (B) nob
cob rob
gob slob
hob snob
job throb
knob
lob
mob

o before d, dd

clod rod
cod shod
god (G) sod
hod trod
nod
odd
plod
pod

o before [k] sound
g, ch, ck, gh, x

bloc knock
block loch
box lock
chock mock
clock pock
cock ox
crock pox
dock rock
flock shock
fox smock
frock sock
hock stock
hough vox

o before m and n

blond John
blonde non
bomb nonce
bond pomp
bronze pond
con prom
conch prompt
don scone
fond *scone
from von
frond yon

o before p

chop plop
cop pop
copse prop
crop shop
drop slop
flop sop
fop stop
hop strop
lop top
mop

o before t

blot plot
clot pot
cot rot
dot scot (S)
got slot
grot sot
hot spot
jot tot
knot trot
lot wot
not

o before dg, sh, tch

blotch gosh
bosh lodge
botch notch
crotch splotch
dodge

o before lv

solve

¹ Hans Kurath, Handbook of the Linguistic Geography of New England, (Providence: Brown University, 1939), p. 8.

5.2a ə in stressed syllables of polysyllables, closed by consonants other than r as in accomplish [ə'kamplɪʃ, ə'kɒmplɪʃ]. These words are pronounced with [ɑ] in GA and S and with either [ɑ] or [ɒ] in E.

abdominal	autocracy	chaos	composite
abolish	automaton	chaotic	composer
abominable	autonomous	chiffon	concoct
abomination	autopsy	chiton	concoction
abscond	barometer	chocolate	concomitant
absolve	baton	cholera	conglomerate
accomplice	beyond	choleric	conglomeration
accomplish	bibliography	cholesterol	conic
accompit	binocular	chronic	conifer
acknowledge	biography	chronicle	consolidate
aeropolis	bobolink	chronometer	consolidation
admonish	bodice	closet	convolvulus
admonitory	bodiless	coccus	cooperate
adopt	bodkin	cochineal	cooperation
adoption	body	cochlea	cooperative
aeon	bombard	cockade	cooperator
agglomerate	bombast	cockatoo	copy
agnostic	bombazene	cockatrice	cosmetic
aileron	bonbon	cockerel	cosmic
allot	bonfire	cockle	cosmogony
amazon (A)	boron	cockswain	cosmopolitan
amylopsin	bosky	codger	cosmos
anaconda	botanist	codicil	costard
anatomical	botanize	cogitate	coster
animosity	botany	cogitation	costume
anomalous	bother	cognate	costumier
anomaly	bouillon	cognition	cotyledon
anon	bronchial	cognizance	coupon
anonymous	bronchitis	cognizant	coxcomb
apocalypse	broncho	cognomen	coxswain
apocryphal	bronchus	colander	crayon
apologetic	bronco	colic	cresol
apologize	bubonic	coliseum	crocodile
apostasy	bucolic	colonist	crotchet
apostate	burdock	colonization	crouton
apostle	caisson	colonize	curiosity
apostolic	calliopsis	colony	cyclometer
apostrophe	cannot	colophon	cyclonic
apothecary	canonical	columbine	decoction
*apothecosis	canton	column	demi-john
approximate	cantonment	columnist	democracy
apricot	capon	*comatose	democratize
archon	carbolic	comedy	demolish
aristocracy	carbonic	*comfit	demonstrable
astonish	carrilon	comet	demonstrative
atomic	carotid	comic	demotic
atrocitiy	catastrophic	comity	denominate
	catholicism		denomination

deposit	exotic	horizontal	isoconic
diatonic	expositor	hospice	isosceles
dieptyledon	expostulate	hospitable	japonica
diocesan	expostulation	hospital	jargon
dioxide	extol	hospitality	jockey
disconsolate	ferocity	hospitalization	jocular
dissolve	fetlock	hostage	jocund
docile	flotsam	hostel	jodhpurs
docility	folderol	hostile	johnnycake
doctor	fondle	hostility	jongleur
doctrinaire	frivolity	hostler	jonquil
doctrine	frolie	hovel	jostle
document	frontier	hover	kaleidoscopic
doldrums	frontispiece	hydrometer	kapok
dolomite	galosh	hydroscopic	kiosk
dolorous	galvanometer	hydroxide	knickerbocker
dolphin	gastropod	hydroxyl	knowledge
domicile	generosity	hygrometer	laconic
domiciliary	geographer	hymenoptera	lexicography
dominance	geography	hyperbolic	liaison
dominate	geometry	hypnotic	lithographer
domination	globular	hypochondriac	lithography
domine	globule	hypocrisy	lobster
domineer	gnomon	hypotenuse	locket
domine	goblet	hypothesis	logic
*donative	goblin	icon	logical
donjon	gonad	idiotic	logothete
doxy	gondola	idolatry	longevity
dromedary	gondolier	impetuosity	longitude
dropsical	gonfalon	imposter	lozenge
dropsy	goshawk	impoverish	luminosity
echelon	gosling	impromptu	macintosh
economic	gospel	improvisation	mahogany
economist	grovel	incognito	majolica
economize	guillemot	incongruity	mall
economy	harmonic	incongruous	manioc
electrolysis	helicopter	indissoluble	manometer
electrometer	heterodox	indoctrinate	marathon
electron	hexagon	indomitable	mascot
electrophorus	hippopotamus	innocuous	mastodon
eleemosynary	histrionic	inoculate	mediocrity
embodiment	holocaust	inoculation	melancholy
embryonic	homage	insomnia	melodic
emolument	homicide	interlocutor	metabolic
ensconce	homily	interrogative	methodical
ephod	hominy	interrogatory	metropolis
equinoctial	*homogeneous	intolerable	metropolitan
equinox	homologous	intolerance	microcosm
erotic	honest	intoxicant	micrometer
escallop	honor	involve	microscopic
esophagus	honorary	ionic	mignon
evolve	hoplite	ironic	misanthropic
exonerate	hopscotch	ironical	misconduct

model	moufflon	patriot	poplin
moderate	myrmidon	patriotic	populace
moderation	nabob	pedagogical	popular
modern	narcotic	pentagon	popularity
modernity	natron	pentathlon	popularize
modernize	necropolis	periodic	populate
modest	neon	peroxide	population
modesty	neuron	personification	populous
modicum	neurotic	personify	pornography
modification	nitrogenous	phenomena	porosity
modify	nobody	philanthropic	positive
modulate	nocturnal	philosopher	posterior
modulus	nocturne	philosophic	posterity
modulation	nodule	philosophize	postern
molecule	*nomad	philosophy	posthumous
molestation	nominal	phlox	*postilion
monad	nominate	phosgene	postulate
monarch	nomination	phosphate	posture
monarchy	nominate	phosphide	potash
monastery	nominee	phosphoric	pother
monetary	nomage	photographer	potsherd
mongrel	nonchalance	photography	poverty
monism	nonchalant	physiography	precocity
monitor	noncombatant	pocket	premonitory
monochord	nonconductor	policy	preponderance
monochrome	nonconformist	polish	preposterous
monocle	nonconformity	politic	prerogative
monocotyledon	nondescript	politician	probability
monody	nonentity	polity	probable
monogamy	nonessential	poltroon	probity
monogram	nonexistence	polyandry	problem
monolith	nonexistent	polyclinic	proboscis
monomania	nonmetallic	polyglot	process
monoplane	nonpareil	polygon	proclamation
monopolize	nonpartisan	polyp	proctor
monopoly	nonpartizan	polyphase	procurator
monosyllabic	nonpayment	polysyllabic	prodigal
monosyllable	nonplus	polysyllable	prodigality
monotheism	nonresident	polytechnic	prodigy
monotheist	nonsense	polytheism	produce-n.
monotone	nonunion	polytheist	product
monotonous	nostril	pomegranate	profanation
monotony	nostalgia	pompadour	profit
monoxide	nostrum	pompom	profiteer
monsignor	novel	pompon	profligacy
monsoon	novice	pomposity	profligate
monster	noxious	poncho	progeny
monstrosity	orthodox	ponder	prognosticate
monstrous	orthography	ponderous	progress-n.
monument	ovipositor	pongee	project-n.
monumental	pantheon	poniard	promenade
morion	parabolic	pontiff	prominence
moron	paradox	pontifical	prominent
motley	paragon	pontoon	promiscuity
	pathos	poplar	promise

promissory	respond	spectroscopic	trigonometry
promontory	response	speedometer	tripod
propaganda	responsibility	spermatozoon	trombone
propagate	revolve	spirometer	tropic
propagation	rhinoceros	sponsor	tropical
proper	robin	spontaneity	typography
property	rocket	spontaneous	ultramontane
prophecy	rondeau	sprocket	unconscionable
prophecy	rondel	steenbok	upon
prophet	rondo	stenographer	upsilon
prophylactic	rosin	stenography	vagabond
prosecute	roster	stereoscopic	velocity
prosecution	rostrum	stockade	verbosity
proselyte	saponification	stocking	violin
prosody	sarcophagus	stodgy	* viosterol
prospect	sardonic	stolid	virtuosity
prospector	scholar	stolon	viscosity
prosper	sclerotic	* stomata	vodka
prosperity	scopolamine	suppository	volatile
prostitute	scrofula	symbolic	volcanic
prostitution	scrupulosity	symphonic	volcano
prostrate	shallot	synopsis	volplane
prostration	sinuosity	tarragon	voltaic
protestant	socket	technocracy	voluble
protestation	solace	theocracy	volume
protocol	solder	theogony	volumetric
provender	solecism	theosophist	voluntary
proverb	solemn	thermometer	volunteer
providence	solemnize	Thomas	vomit
providential	solid	throstle	yonder
province	solidarity	ticktock	zircon
provocation	solitaire	tocsin	
provocative	solitary	tolerable	
* provost	solitude	tolerance	
proximate	solstice	tolerate	
proximity	solstitial	toleration	
proxy	solubility	toluene	
pylon	soluble	toluol	
python	solute	tomahawk	
quixotic	solvent	tomfoolery	
quondam	somber	tomtom	
radiography	sombrero	tonic	
rayon	somnolence	tonsil	
reciprocity	sophist	tonsure	
recondite	sophistry	topic	
remonetize	sophomore	topographical	
remonstrance	soporific	topography	
remonstrate	sovereign	topsyturvy	
repository	sovrän	toxic	
resolve	spasmodic	toxin	

5.2b ə initially in syllables receiving primary or secondary stress, as in obstacle ['abstəkəl, 'ɒbstɪkəl], October [ək'toubə, ɒk'toubə].²

<u>obdurate</u>	<u>octagon</u>	<u>opposite</u>
<u>obduracy</u>	<u>octagonal</u>	<u>opposition</u>
<u>obelisk</u>	<u>octave</u>	<u>optic</u>
<u>object -n.</u>	<u>octavo</u>	<u>optician</u>
<u>objurgation</u>	<u>October</u>	<u>optimism</u>
<u>oblate</u>	<u>octogenarian</u>	<u>optimist</u>
<u>oblation</u>	<u>octopus</u>	<u>optimistic</u>
<u>obligate</u>	<u>octroi</u>	<u>optimum</u>
<u>obligation</u>	<u>ocular</u>	<u>option</u>
<u>obligatory</u>	<u>oculist</u>	<u>opulence</u>
<u>oblong</u>	<u>olfactory</u>	<u>oscillate</u>
<u>obloquy</u>	<u>oligarch</u>	<u>oscillation</u>
<u>obnoxious</u>	<u>oligarchy</u>	<u>osmosis</u>
<u>obscene</u>	<u>olive</u>	<u>osmotic</u>
<u>obsequies</u>	<u>omelet</u>	<u>osprey</u>
<u>observation</u>	<u>ominous</u>	<u>ossification</u>
<u>obsolescent</u>	<u>omnibus</u>	<u>ossify</u>
<u>obsolete</u>	<u>omnipotence</u>	<u>ostensible</u>
<u>obstacle</u>	<u>omnipotent</u>	<u>ostentation</u>
<u>obstetric</u>	<u>omnipresence</u>	<u>ostler</u>
<u>obstetrician</u>	<u>omnipresent</u>	<u>ostracism</u>
<u>obstinaey</u>	<u>omniscience</u>	<u>ostracize</u>
<u>obstinate</u>	<u>omniscient</u>	<u>ostrich</u>
<u>obstreperous</u>	<u>omnivorous</u>	<u>ottoman</u>
<u>obverse</u>	<u>onerous</u>	<u>otter</u>
<u>obviate</u>	<u>onslaught</u>	<u>oxalic</u>
<u>obvious</u>	<u>onyx</u>	<u>oxalis</u>
<u>occident</u>	<u>opera</u>	<u>oxford</u>
<u>occidental</u>	<u>operate</u>	<u>oxidation</u>
<u>occipital</u>	<u>operatic</u>	<u>oxide</u>
<u>occult</u>	<u>operation</u>	<u>oxidize</u>
<u>occupaney</u>	<u>operative</u>	<u>oxyacetylene</u>
<u>occupant</u>	<u>operetta</u>	<u>oxygen</u>
<u>occupation</u>	<u>ophthalmia</u>	
<u>occupy</u>	<u>opportune</u>	
<u>ocelot</u>	<u>opportunity</u>	

² "The rather uncommon weak-stressed [ə] in the second syllable of advantageous or of the first syllable of Calcutta, and the weak-stressed [ɒ] in October, posterior, both of which occur only before a syllable with loud stress, bear the same relation to the vowels of pat and pot."--George L. Trager and Bernard Bloch, "The Syllabic Phonemes of English." Language, XVII (1941), 231-232.

5.2c g is pronounced [a] or [v] in the stressed prefixes com and con, as in common [kamen, komən], convent [kanvənt, konvənt].

*combat	comrade	congeries	consummation
*combatant	concatenation	congregate	contact
*combative	concave	congregation	contemplate
combination	concavity	congress	contemplation
commandant	concentrate	congruence	contemplative
commandeer	concentration	congruent	content-n.
commendation	concept	conjugal	contents
comment	concert	conjugate	contest-n.
commentary	concierge	conjugation	context
commentator	conclave	conjuration	contiguity
commerce	concomitant	conjure	continental
commissar	concord	connoisseur	continuity
commissariat	concordat	connotation	contour
commissure	concourse	conquer	contraband
commodore	concrete	conquest	contraceptive
common	concretion	conquistador	contract-n.
commonalty	concubine	consanguinity	contractor
commonweal	concubinage	conscience	contradict
communal	condemnation	conscientious	contradiction
commune	condensation	conscious	contradictory
communism	condescend	conscript	contrapuntal
communist	condescension	consecrate	contrariety
communistic	condiment	consecration	contrariwise
commutation	condor	consequence	contrary
commutator	conduct-n.	consequent	contrast-n.
compact	conductivity	consequential	contravene
comparable	conduit	conservation	contravention
compeer	conferee	conserve-n.	controversy
compensate	conference	consignee	controvert
compensation	confidant	consolation	contumacy
competence	confidence	consolatory	convalesce
competent	confident	consomme	convalescence
competition	confidential	consonance	convent
compilation	confine-n.	consonant	conversant
complaisance	confirmation	consort	conversation
complaisant	confiscate	*constable	converse-n.
complement	confiscation	constancy	convert-n.
complementary	conflagration	constant	convex
composition	conflict-n.	constellation	convict-n.
compost	confluence	consternation	convocation
compote	confluent	constipated	convolvulus
compound	conflux	constitute	convolution
comprehend	conformation	constitution	convoy
comprehensible	*confound	construct-n.	
comprehension	confraternity	consul	
comprehensive	confrere	consular	
compress-n.	confutation	consulate	
compromise	congener	consultation	
computation	conger	consummate-v.	

5.2d g in syllables closed by a doubled consonant, as in jolly [dʒəlɪ, dʒɒlɪ].

accomodate	comma	holland (H)	posset
albatross	copper	hollo	possibility
atoll	copperas	hollow	possible
belladonna	coppice	holly	possum
besotted	corolla	joggle	pottage
blossom	cosset	jollity	pottle
bobbin	cottage	jolly	proffer
bonnet	cotter	lacrosse	reconnaissance
bennie	cotton	lobby	rollicking
bottle	cretonne	*loggia	sirocco
bottom	decollete	lollipop	slobber
boycott	dobbin	lottery	soccer
broccoli	dodder	moccasin	sodden
cobble	dollar	mollify	soggy
cobbler	donna	mollusk	sonnet
coddle	fodder	mollycoddle	terracotta
collar	follicle	morocco (M)	throttle
collate	follow	mottle	toboggan
collation	folly	motto	toddle
colleague	fossil	noggin	toddy
collect-n.	glottis	nozzle	toffee
colleen	gobble	pollack	toggle
college	goddess	pollard	topple
collie	goggle	pollen	totter
collier	golly	pollinate	trolley
collocation	gossamer	pollination	trollop
colloid	gossip	pollock	volley
collop	grotto	pollywog	whopper
colloquy	hobble	pommel	wobble
colossal	hobby	poppy	
colossus	holla	posse	

5.2e g in stressed syllable of the endings ologist, ology, onomist, onomy, as in geologist [dʒiˈələdʒɪst, dʒiˈblədʒɪst], astrology [əˈstrələdʒɪ, əˈstrɒlədʒɪ], autonomy [ɔˈtənəmɪ, ɔˈtɒnəmɪ], economist [iˈkənəməst, iˈkɒnəmɪst].

anthology	bacteriology	entomology	ornithology
anthropology	biology	epistemology	paleontology
apology	chronology	ethnology	pathology
archaeologist	criminologist	etymology	pharmacology
archaeology	dermatologist	geologist	phraseology
astrologer	criminology	gastronomy	philology
astrology	doxology	geology	phrenology
astronomer	economist	histology	physiognomy
astronomy	economy	ideology	physiologist
autonomy	embryology	meteorology	physiology
bacteriologist	entomologist	morphology	psychologist

psychology
sociology

taxonomy
technology

terminology
theology

zoologist
zoology

5.2f o in the stressed syllable of the endings ological, onomical, as in biological [bareladʒekəl, barelɒdʒɪkəl], astronomical [æstrɒnəmɪkəl, æstronəmɪkəl].

anthropological
archaeological
astrological
astronomical
bacteriological
biological

chronological
entomological
ethnological
etymological
genealogical
geologic

meteorological
morphological
mythological
ornithological
pathological
pharmacological
philological
physiological
psychological
sociological
technological
theological
zoological

5.3 a following w or [w] sound (except before r) and wh in the word what, as in squad [skwad, skwɒd]. These words are pronounced both [ɑ] and [ɒ] as noted before. Those words which are starred may be pronounced with [ɒ] by some speakers.

equality
guano
guanaeo
guava
guayule
qua
quadrangle
quadrangular
quadrant
quadrater
quadrature
quadrennial
quadrilateral
quadruped
quadruple
*quaff
quagmire
qualification
qualify

qualitative
quality
quandary
quantitative
quantity
quantum
quash
quasi
quatrain
squab
squabble
squad
squadron
squalid
squalor
squander
*squash
squat
suave

suavity
swab
swaddle
swallow
swamp
swan
swap
swash
swat
*swath
twaddle
'twas
wabble
wad
waddle
waffle
wainscot
*wallet
wallop

wallow
walrus
wampum
wan
wand
wander
*want
wanton
was
*wash
*Washington
wasn't
wasp
wassail
wast
*watch
*water
watt
wattle
what

5.4 [ɑ] and [ɒ] are spelled exceptionally in bureaucracy [bjʊ'rakresɪ, bju'rɒkresɪ].

5.5a a before r in stressed syllables finally or before another consonant is [a] in GA and S and may be [ɑ] or [a] in E, as in cart [kɑrt, kɑ:t].

alarm	armament	barley	carton
anarch	armature	barn	cartoon
antarctic	armistice	barnacle	cartridge
arbalest	armlet	barred	carve
arbiter	armor	barter	cathartic
arbitral	armorial	bazar	caviar
arbitrament	armory	*blackguard	char
<u>arbitrarily</u>	army	blarney	chard
<u>arbitrary</u>	arnica	bombard	charge
arbitrate	arquebus	boulevard	charlatan
arbitration	arsenal	camelopard	Charles
arbitress	arsenate	canard	charm
arbor	arsenic	car	charmeuse
arboreal	arsenical	carbide	charnel
arbutus	arsenious	carbine	chart
arc	arson	carbohydrate	charter
arcade	art	carbolic	cinnabar
arch	arterial	carbon	commissar
archaeological	arteriosclerosis	carbonate	compartment
archaeologist	artery	carbonic	czar
archaeology	artesian	carboniferous	dark
archaic	arthritis	carbonize	darling
archaism	Arthur	carborundum	darn
archangel	artichoke	carbuncle	darnel
arched	article	carburetor	dart
archetype	articulate	carcanet	demarcation
archiepiscopal	artifice	carcass	depart
archipelago	artificer	card	departmental
architect	artificial	cardiac	departure
architectural	artificiality	cardigan	disembarkation
architecture	artillery	cardinal	embarkation
architrave	artisan	carking	embargo
archives	artist	carmine	escarpment
archon	artiste	carnage	exarch
arctic	artistic	carnal	far
ardent	avatar	carnation	farce
ardor	bar	carnelian	farm
arduous	barb	carnival	farther
argent	barbarian	carnivorous	farthest
argon	barbaric	carp	foulard
argosy	barbarism	carpel	garb
argue	barbarity	carpenter	garbage
argument	barbecue	carpentry	garble
argumentation	barbed	carpet	garden
argumentative	barbican	cart	gardenia
ark	bard	carte	gargle
arm	bargain	cartel	gargoyle
armada	barge	cartilage	garland
armadillo	bark	cartilaginous	garlic

garment	larva	pardon	sarcastic
garner	lethargic	parfait	sarcophagus
garnet	litharge	park	sardine
garnish	mar	parlance	sardonic
garniture	marble	parle	sarsaparilla
garter	marcel	parley	sartorial
gendarme	march (M)	parliament	scar
gnarl	marchioness	parliamentary	scarf
guard	margent	parlor	scarlatina
guardian	margarine	parquet	scarlet
guitar	marge	parse	scarp
harbinger	margin	parsimonious	shard
harbor	margrave	parsimony	shark
hard	marguerite (M)	parsley	sharp
hardihood	marjoram	parsnip	sirdar
hark	mark (M)	parson	smart
harlequin	market	part	snarl
harlot	marl	*partake	spar
harm	marlinespike	parterre	spark
harmonic	marmalade	partial	sparkle
harmonious	marmoreal	partiality	sparse
harmonize	marmoset	participate	star
harmony	marmot	participation	starch
harness	marquee	participle	stark
harp	marquess	particle	start
harpoon	marquis	particolored	startle
harquebus	marquise	*particular	starvation
harpsichord	marsh	partisan	starve
harsh	marshal	*partition	tar
hart	marsupial	partner	tardy
harvest	mart	*partook	target
heptarchy	marten	partridge	tarn
hierarchy	martial	parturition	tarnish
hussar	martinet	party	tarpaulin
incarcerate	martyr	parvenu	tarry
incarceration	marvel	patriarch	tarsal
incarnadine	marvelous	pericardium	tarsus
incarnate	metatarsal	pharmacy	tart
incarnation	milliard	philharmonic	tartan
jaguar	monarchial	*placard	tartar
jar	narcissus	ptarmigan	tartaric
jargon	narcotic	rampart	tartrate
jarl	nard	regard	thwart
kindergarten	oligarch	registrar	tripartite
larboard	oligarchy	remark	tsar
larceny	par	remarkable	varlet
larch	parboil	retard	varmint
lard	parcel	retardation	varnish
large	parch	reynard (R)	varsity
largo	pard	rhubarb	yard
lark	pardie	sarcasm	yarn

5.5b aa, ea, before r, rre, or re in a few words, as in heart [hɑrt, ha:t].

are	bazaar	catarrh	heart
aren't	bizarre	caviare	hearth
		hearken	sergeant

5.6 au before n in monosyllables and stressed syllables of polysyllables in a few words varies between [a] and [ɔ], as in launch [lantʃ, lɔntʃ]. Maunder and faun seem to be always [ɔ].

Words like gaunt . . . in which au is followed by n plus a consonant, vary in cultivated speech between [a] and [ɔ]. The pronunciation with [a] is especially frequent in New England.³

avaunt	gaunt	launch	saunter
because	haunch	launder	staunch
chaunt	haunt	laundry	taunt
daunt	jaundice	paunch	vaunt
flaunt	jaunt	romaunt	

5.7a o before r or rr intervocalically show still another regional variation. S favors [a] while GA uses [ɔ] predominantly and both are used in E.⁴

abhorrence	correlate	forest	minority
authoritarian	correlation	historic	moral
authoritative	correspond	horizontal	moratorium
authority	correspondence	horoscope	moribund
borrow	corridor	horrible	morris (M)
caloric	corrugate	horrid	morrow
categorical	corrugation	horrify	oracle
chorister	demoralization	horror	orange
coracle	florid	incorrigible	orator
corollary	florist	inferiority	oratorical
coronal	forage	lorry	oratorio
coronation	foray	majority	oratory
coroner	forehead	metaphorical	
coronet	foreign	meteoric	

³ Kenyon, American Pronunciation, p. 185.

⁴ Charles K. Thomas, "Notes on the Pronunciation of Hurry." American Speech. XXI (April, 1946), 115.

erifice	plethoric	seniority	superiority
origin	porridge	sorority	tomorrow
orison	porringer	sorrel	toreador
oryx	priority	sorrow	torrent
phosphoric	rhetorical	sorry	torrid

5.7b y or [w] before a and r or rr follow the regional pattern mentioned above; that is, GA uses [ɔ], S uses [ɑ], and E uses either.

quarantine	quarry	warren (W)	warrior
quarrel	warrant		

5.8 a, aa, and ah in some monosyllables and stressed syllables of polysyllables are pronounced [ɑ] in all regions.

ah	hah	* ma	ra <u>h</u>
ah <u>a</u>	*hurrah	<u>m</u> ama	<u>s</u> ahib
baa	huzza	<u>m</u> ama	<u>s</u> alaam
bah	j <u>i</u> nricksha	<u>m</u> ochila	spa
*d <u>a</u> hlia	j <u>i</u> nrikisha	* pa	viva
fa	kraal	panama (P)	ya
ha	la	rah	

5.9 a in the stressed endings ade and age of French words which have kept a semblance of their original pronunciations. In some of these words the final syllables may be unstressed to [ə], or, if stressed, may be pronounced [eɪ]. See section 12.1a.

*acolade	corsage	facade	mirage
ballade	entourage	*fuselage	persiflage
barrage	*espionage	garage	*pomade
camouflage	esplanade	massage	*promenade
			sabotage

5.10 oi as in [wa] in words of French origin, as in memoir ['memwar, 'memwaɪ].

boudoir	conservatoire	memoir	repertoire
bourgeois	demoiselle	moire	reservoir
coiffeur	devoir	patois	savoirfaire
coiffure	escritoire	poilu	soiree
			toilette

5.11 a, e, i before m or n in stressed syllables of French words which have not been completely anglicized, as in ennui [anwi].

carteblanche	* endive	entresol	lingerie
centime	ennui	* envelope	mesdames
cognizance	ensemble	fiance	nuance
cognizant	entourage	fiancee	* renaissance
commandant	entree	gendarme	rendezvous
encore	entrepreneur	genre	restaurant
			seance

5.12 a in stressed syllables of polysyllables, most of which are foreign loan-words, as in centavo [sen'tavou]. Father is an exception in this list, it being a Germanic word. These words are pronounced [a] in all regions.

*abbe	cognac	liana	plaza
*agaragar	coud'etat	liane	pomatum
*alarum	czarina	literati	quatre
aloha	dachshund	llama	restaurateur
amen	*data	llano	sake
apriori	debutante	machete	salon
*aquatic	desperado	maharaja	scenario
*aria	*drama	*mater	seraglio
*armada	eclat	matzoth	sonata
ave	*farrago	mikado	*soprano
avocado	father	*mineralogy	*staccato
*banal	finale	mustachio	stadtholder
basrelief	firman	naive	*sultana
*basso	hacienda	nirvana	*taro
blase	hakim	octavo	*terrazzo
bravado	*halibut	padre	vaquero
*bravo	iguana	pajamas	vilayet
*braw	imam	palaver	zenana
cacao	impresario	panorama	saga
cadi	intaglio	papa	savant
*candelabrum	jabot	papaya	*scallop
cantata	kaffir	pariah	*skald
cassava	kafir	pas	*stanch
caviar	khan	pasha	tiara
centavo	kilowatt	patio	tomato
chiaroscuro	kohlrabi	pecan	yacht
cicada	lama	piano (music)	
	lava	pistachio	

5.13 a before lm [m] in the same stressed syllable is always [a], as in calm [kam].

almoner	calm	palmistry	psalmody
alms	malmsey	psalm	qualm
balm	palm		

6. THE SOUND [ɔ]

The spellings of [ɔ] are:

1. o before r in monosyllables and stressed syllables of polysyllables, either final or before another consonant, except as below.
2. au, except as below.
3. a before l or ll, except as below.
4. aw wherever found.
5. o in closed monosyllables, except as below.
6. ou before gh silent or pronounced [f].
7. oa before r.
8. a between w or [w] and r, either final or before another consonant.
9. Exceptionally in broad.

Note: For other pronunciations of spellings of [ɔ], see:

1. o before r, rr, intervocalically, section 5.7a.
2. o before r, rr, intervocalically or before another consonant, sections 11.7 and 14.6.
3. au before n in a few words, section 5.6.
4. o in closed monosyllables, section 5.1.
5. ou, sections 14.5 and 15.1.
6. oa in syllables closed by consonants other than r.
7. a between w or [w] sound and r, section 5.7b.
8. a before l or ll, section 4.2a-b.

The distribution of [ɔ] in English words is as follows:

1. In open syllables, initially and finally, as in autumn ['ɒtəm], draw [drɔ].
2. In closed syllables, initially and finally, as in ordinate ['ɔrdɪnət, 'ɔrdɪnɪt], install [ɪn'stɔl].

Words with [ɔ] are grouped for practice as follows:

6.1 o before r in stressed syllables of polysyllables, either finally or before another consonant, as in furor ['fjʊrər, 'fjʊrə], cord [kɔrd, kɔ:d].

abhor	absorb	accordant	amorphous
abnormality	absorption	accordion	amortize
abortion	accord	*acorn	anthropomorphic
abortive	accordance	adorn	aorta

assort	cruciform	fornication	morphine
border	cuneiform	forswear	morphology
born	cuspidor	forswore	morphological
cavort	decor	forsworn	morsel
chloroform	deform	forsythia	mort
chord	*deformation	forte	mortality
chortle	discord	fortification	mortar
chort	distort	fortify	mortgage
concord	distortion	fortitude	mortician
concordance	dormant	fortress	mortification
concordat	dormer	fortuitous	mortify
conform	dormitory	fortunate	mortise
conformation	dormouse	fortune	mortuary
conformity	dorsal	forty	nor
conquistador	endorse	furor	norm
consort	enormity	George	normal
contort	enormous	georgette	north (N)
contortion	ephor	gorge	or
coordinate	escort	gorget	orb
coordination	exhort	gorgeous	orbicular
cord	exhortation	gormandizer	orbit
cordial	exorbitant	gorse	orchard
cordillera	exorcise	*grantor	orchestra
ordon	exordium	harpsichord	orchestral
sorduroy	extort	hormone	orchestration
cork	extortion	horn	orchid
corm	extraordinary	hornet	ordain
cormorant	for	hors d'oeuvre	ordeal
corn	forbear	horse	order
cornea	forbearance	horticulture	ordinal
corner	forboding	humidor	ordinance
cornel	forbore	importance	ordinary
cornet	forby	important	ordination
cornice	forceps	importunate	ordnance
cornucopia	forfeit	importune	ordure
corporal	forfeiture	importunity	organ
corporate	forfend	indorse	organdy
corporation	forgather	informative	organic
corporeal	fork	leghorn	organize
corpse	forlorn	lord (L)	orgy
corpulence	form	lorgnette	ornament
corpus	formal	lorn	ornamental
corpuscle	formaldehyde	metamorphose	ornamentation
corridor	formalin	metamorphosis	ornate
corseage	formality	metaphor	ornery
corseair	formation	morbid	ornithological
corse	former	morbidity	ornithology
corselet	formic	mordant	orphan
corset	formidable	morganatic	orphic
cortege	formula	morgue	orthodox
cortex	formulate	morn	orthographic
cortical	formulation	morning	orthography

ortalon	remorse	subordinate	tortoise
perform	resort	subordination	tortuous
performance	retort	suborn	torture
platform	seorch	thorn	unicorn
porcupine	scorn	thorp	uniform
pornography	scorpion	torch	vortex
porphyry	senor	toresador	vorticella
porpoise	short	torment	whorl
postmortem	snort	tornado	
primordial	sorcery	torpedo	
*realtor	sordid	torpid	
record -v.	sorghum	torpor	
recorder	sort	torque	
reform	sortie	torsion	
*reformation	stork	torso	
reformatory	storm	tort	

6.2 au wherever found, except in a few words before n, as in applaud [ə'plɒd]. See section 5.6 for au before n.

aeronaut	auspice	baulk	exhaustion
applaud	auspicious	bauxite	exhaustive
applause	austere	because	faucet
assault	austerity	caterwaul	fault
auburn	authentic	caucus	faun
auction	authenticity	caught	*flaunt
audacious	author	cauldron	fraud
audacity	authorization	cauliflower	fraudulent
audibility	authorize	caulk	fraught
audible	auto	causal	gaud
audience	autobiographical	causality	gaudy
audio	autobiography	causation	*gaunt
audition	autoeracy	cause	gauze
auditorium	autoerat	caustic	glaucous
auditory	autodafe	cauterize	haughty
auger	autograph	caution	haul
aught	autointoxication	cautious	*haunch
augment	automatic	centaur	*haunt
augmentation	automaton	*chaunt	holocaust
augur	automobile	cheuta <u>u</u> qua	hydraulic
augury	automobilist	clause	ichthyosaurus
august (A)	automotive	daub	inauguration
auk	autonomous	daughter	*jaundice
auld	autonomy	*daunt	*jaunt
aura	autopsy	dauphin (D)	*landau
aureole	autumn (A)	debauch	laud
auricle	autumnal	debauchee	laudanum
auricular	auxiliary	debauchery	laudation
auriferous	*avaunt	dinosaur	*launch
aurora (A)	baccalaureate	distraught	*launder
auroral	bauble	exhaust	*laundry

laureate	nausea	pause	sausage
laurel	nauseate	plaudit	slaughter
marauder	nauseous	plausibility	somersault
maudlin	nautioal	plausible	terpaulin
maugre	nautilus	raucous	taught
maul	onslaught	romaunt	taut
maunder	Paul	sauce	thesaurus
mausoleum	*paunch	saucer	vaudeville
meerschau	pauper	saucy	vault
naught	pauperize	saurian	

6.3 a before l or ll, in monosyllables and stressed syllables of polysyllables. See section 4.2a-b. The l may be silent, as in talk [tɔk], or pronounced, as in falter ['fɔltə, 'fɔlte].

albeit	bald	falsification	scald
alder	baldric	falsify	skald
all	balk	falsity	small
almanac	ball	falter	squall
almighty (A)	balsam	gall	stalk
almost	basalt	grimalkin	stall
already	caldron	hall	stalwart
also	call	halt	subaltern
alter	chalk	install	talk
alter	cobalt	mall	tall
alteration	*defalcation	malt	thrall
*altercation	exalt	palfrey	unalterable
*alternate	exaltation	pall	walk
*alternation	felchion	palsy	wall
*alternative	falcon	palter	wallet
although	fall	paltry	walnut
altogether	fallen	psaltery	walrus
always	false	qualm	waltz
appall	falsetto	salt	wampum
			withal

6.4 aw wherever found, as in raw [rɔ].

awe	claw	gewgaw	maw
awful	crawfish	gnaw	mawkish
awkward	crawl	goshawk	paw
awl	daw	guffaw	pawn
awning	dawdle	haw	prawn
bashaw	dawn	hawk	pshaw
bawbee	draw	hawse	raw
bawd	drawer	jackdaw	saw
bawl	drawl	kickshaw	sawyer
braw	drawn	law	scrawl
brawl	fawn	lawn	scrawny
brawn	flaw	lawyer	shawl
catawba	gawd	macaw	slaw
caw	gawky	mackinaw	spawn

sprawl	straw	tawny	trawl
squaw	taw	thaw	yaw
squawk	tawdry	tomahawk	yawl
			yawn

6.5 Monosyllables with o before various consonants have already been discussed under [ɑ] or [ɒ] in section 5.1. They are the words which are usually pronounced with that sound. Occasionally some of them may have the [ɔ] sound. In the following list the words which are usually or always pronounced with [ɔ] and only occasionally with [ɑ] are given.

o before g or gue¹

agog	flog
apologue	fog
bog	frog
catalogue	grog
clog	hog
cog	hogshead
decatalogue	jog
demagogue	log
dialogue	logarithm
dog	monologue
dogma	pedagogue
dogmatic	prologue
eclogue	synagogue
epilogue	tog

o before sp, ss, st²

accost	frost
acrostic	gloss
albatross	lacrosse
boss	loss
Boston	lost
cost	moss
costermonger	osprey
cross	ostrich
dross	pentecostal
floss	toss
foster	tost
foss	

o before l, lf, ll

alcohol
dollar
golf
menthol
phenol
parasol

o before m and n

gone
hombre
on
onslaught
romp
upon

¹ Before [g], where British has only [ɔ], Central Western has by-forms with [ɑ], but the forms with [ɔ] prevail entirely in the homely words dog, hog; less exclusively in fog, frog, log; in less common words [ɑ] has a better chance, bog, flog, jog. - Bloomfield, Stressed Vowels, p. 107-109.

² Before [s] by-forms with [ɑ] occur . . . least often perhaps in boss, cross, loss, moss, toss; more frequently in dross, floss, gloss, loss. - Loc. cit.

o before th [ə]³

betroth
broth
brothel
cloth
froth
moth
sloth
troth
wroth

o before ng or nk⁴

belong prolong
dingdong prong
diphthong song
donkey strong
elongate thong
gong throng
honk tong
long wrong

o before f, ff, ft⁵

coffee offer
coffer office
coffin oft
croft often
doff scoff
loft soft
off soften
offal toffee

6.5a a after w or [w] sound when it does not follow r is subject to variation between [a] and [ɔ].⁶

swamp	want	wasp	watch
swath	wash	Washington	water
			wigwam

6.6 ou before gh, either silent or pronounced [f] in a few words, as in bought [bɔt]. Enough is an exception to this list.

besought	cough	ought	*trough
bough	fought	sought	wrought
brought	nought	thought	

6.7 oa before r shows variation between [ɔ] and [ou], with the diphthong predominating, especially in GA and S.

boar	coarse	hoard	roar
board	coarsen	hoarse	soar
*clapboard	hoar	oar	uproarious

³ Before [ə], cloth, moth have prevalently [ɔ]; broth and froth have both vowels. - Ibid., p. 107-109.

⁴ Before [ŋ], where British has only [ɔ], the [a] variants are rare and elegant in long, song, strong, wrong; occasional in belong, and perhaps as common as [ɔ] in gong, prong, thong, throng. - Loc. cit.

⁵ Before [f] the variants with [a] are uncommon and decidedly elegant; off, often, soften; . . . [a] is commoner than [ɔ] in bookish words like doff, coffer. - Loc. cit.

⁶ Kurath, Linguistic Atlas, p. 30.

6.8 a before r when it follows w or a [w] sound. The influence of the w causes the vowel to be more rounded and pronounced with [ɔ] instead of [a].

dwarf	reward	war	warmth
quart	sward	warble	warn
quarter	swarm	ward	warp
quartet	swart	warden	wart
quarto	swarth	warm	wharf
quartz			wharves

6.9 Exceptionally in the word broad.

7. THE SOUND [u]

The spellings of [u] are:

1. oo in a few monosyllables, except as below.
2. ou before r, except as below.
3. ou in the past tense of a few verbs.
4. u in a few closed monosyllables and stressed syllables of polysyllables when followed by consonants other than r.
5. o in a few words.
6. u after [l], [r], [s], [z], [ʃ], [tʃ], [dʒ], [θ], [ʒ], as follows:
 - a. u before r in stressed syllables.
 - b. u in an open unstressed syllable preceding another syllable beginning with a vowel, except as below.
 - c. u or eu in weak-stressed open syllables or in a weak-stressed syllable followed by r.

Note: For other pronunciations of spellings of [u], see:

1. oo, section 8.1.
2. ou before r, sections 11.5 and 14.7.
3. u before r in stressed syllables, section 11.3.
4. u before r in unstressed syllables, 17.7.
5. u in open stressed syllables before another syllable beginning with a vowel, section 8.5d.

The distribution of [u] in English words is as follows:

1. In closed syllables, as in took [tuk].
2. In open syllables, as in casual ['kæʒuəl].

Words with [u] are grouped for practice as follows:

7.1 oo in a few words, most monosyllables, closed with k, t, d, l, and r, as in cook [kuk], etc. For other monosyllables with oo, see section 8.1.

blackamoor	foot	moor	shook
book	forsook	nainsook	spoor
boor	good	nook	stood
brook	hood	partook	took
cook	hook	poor	wood
crook	look	rock	wool

7.2 ou before r in a group of words, most of which are of foreign origin, as in velour [ve'lur, ve'lue].

amour	*dour	paramour	*tourniquet
bourgeois	entourage	pompadour	*troubadour
bourn	faubourg	*potpourri	velour
bourne	*gourd	tour	your
contour	gourmand	tourmaline	you're
courier	hour	tourney	

7.3 ou not before r in a few words, most of which are past tenses of the verbs can, will, and shall, as in could [kud].

*divouac	could	should	would
*boulevard	*pirouette	'twould	

7.4 u in a few closed monosyllables and stressed syllables of polysyllables, as in bush [buʃ], pulpit ['pulpit]. For most words with u in closed syllables, see section 10.2.

ambush	bushel	full	pulpit
bulbul	butcher	fulsome	push
bull	butchery	gulden	puss
bullet	crupper	hussar	pussy
bulletin	cuckoo	huzza	put
bullion	culdesac	pudding	sugar
bullock	cushion	pull	summa
burro	*dachshund	pullet	*tundra
bush	fulfill	*pulsator	

7.5 o in five words.

bosom	wolf	wolves	woman	worsted
-------	------	--------	-------	---------

7.6 The sound [u], spelled u or eu, following immediately after a consonant, either in a stressed or unstressed syllable, tends to palatalize the preceding consonant. This palatalization often produces an intrusive glide sound [j], resulting in the combination [ju], depending upon several factors: namely,

1. Point of articulation or amount of palatalization already present in the consonant. [ju] is never used after [r] and seldom after [s] and [l]. It is difficult to distinguish the [j] after the palatal fricatives [ʃ], [ʒ], [tʃ], [dʒ], and so it is not represented in transcription. After labial and velar consonants, [j] appears almost without variation.¹

¹ Thomas, Phonetics of American English, p. 99.

2. Preference in regional dialects. After [t], [d], and [n], GA uses [u], and S uses [ju], while E uses either. After [s], [l], [z], and [θ], [ju] is used only by individuals here and there.

In the following sections the spellings of [u] after [l], [z], [s], [r], [ʃ], [tʃ], [dʒ], [θ], and [ʒ], are given. For words in which u after [b], [k], [g], [m], [p], [f], [v], is pronounced [ju] or [ju], see section 8.

For words in which u after [t], [d], and [n], is pronounced [u], [ju], and [u, ju] according to regional differences, see section 9X.

7.6a u or eu before r in stressed syllables, as in allure [ə'luɹ, ə'luə].

abjure	cynosure	jurist	pleura
adjure	caesura	jury	pleurisy
allure	injurious	*ligature	plural
assurance	insurance	lure	prurient
assure	insure	lurid	rural
commis <u>su</u> re	juris <u>di</u> ction	luxuriant	sure
con <u>ju</u> re	jurisprudence	luxurious	tellurium

7.6b u in an unstressed open syllable preceding another syllable beginning with a vowel, as in actual ['æktʃuəl].

accentuate	estuary	infatuation	sensuous
actual	eventual	intellectual	sexual
actuate	eventuate	mellifluous	situate
altruistic	factual	menstruation	situation
arduous	fatu <u>u</u> s	mortuary	spiritual
casual	February	mutual	statuary
conceptual	fluctuate	obituary	sumptuary
constituency	habitual	perpetual	sumptuous
contemptuous	habituate	perpetuate	superfluous
contractual	impetuosity	perpetuation	tempestuous
conventual	impetuous	punctual	textual
deciduous	incestuous	punctuate	tortuous
effectual	incongruous	punctuation	tumultuary
effectuate	influence	presumptuous	tumultuous
confluence	influential	residual	unctuous
congruence	influenza	residuum	virtual
congruent	individual	ritual	virtuous
effluence	individuality	sanctuary	visual
	infatuate	sensual	voluptuous

7.60 u in weak-stressed open syllables or in weak-stressed syllables followed by r, as in fistula ['fɪtʃulə], plurality [plu'ræləti, plu'rælɪtɪ].

abjuration	fistula	parturition	superb
adjuration	insular	plurality	superfluous
conjunction	insulate	posthumous	supernal
exudation	juridical	*resume	statutory

8. THE SOUND [u]

The spellings of [u] are:

1. oo in both open and closed monosyllables and stressed syllables of polysyllables, except as below.
2. ou in open stressed syllables and stressed syllables of polysyllables closed by consonants other than r, except as below.
3. o in a small group of open monosyllables and in stressed syllables of certain polysyllables closed by m, v, and s.
4. oe in cane and shoe.
5. u after [l], [r], [s], [z], [ʃ], [tʃ], [dʒ], [θ], and [ʒ], as follows:
 - a. u in open stressed syllables of polysyllables.
 - b. u in monosyllables and stressed syllables of polysyllables closed with consonant and final silent e.
 - c. u in stressed syllables of polysyllables closed by consonants other than r.
6. eu, ew, ue, ui in stressed syllables after [l], [r], [s], [z], [ʃ], [tʃ], [dʒ], [θ], [ʒ].

Note: For other pronunciations of spellings of [u], see:

1. oo, section 7.1.
2. ou, section 6.6, 7.2, and 10.4.
3. o, sections 7.5, 10.3, 5.1-2, and 6.1.
4. u, section 7.6, 11.3, and 17.7.
5. eu, section 11.4.

The distribution of [u] in English words is as follows:

1. In open syllables, as in lubricate ['lubrikerɪt], ado [ə'du].
2. In closed syllables, initially and finally, as in ooze [uz], balloon [be'lun].

Words with [u] are grouped for practice as follows:

8.1a oo in monosyllables and stressed syllables of polysyllables especially when closed by d, m, n, p, s [s], or [z]. See other words with oo in section 7.1.

aleef	coolie	monsoon	shoot
baboon	cooly	moo	simoom
balloon	coon	mooch	sloop
ballyhoo	soot	mood	smooth
bamboo	croon	moon	snoop
bamboozle	cuckoo	moose	snooze
bassoon	doodle	moot	soon
behoof	doom	nincompoop	sooth
behoove	doubloon	noodle	soothe
bloom	dragoon	noon	spittoon
boo	droop	noose	spooft
boob	festoon	ooze	spook
boodle	food	pantaloon	spool
boom	fool	papoose	spoon
boomerang	galoon	patroon	stool
been	gloom	platoon	stoop
boost	goose	poltroon	swoon
boot	groom	pontoon	swoop
bootse	groove	pooch	taboo
booth	halloo	pood	tattoo
booze	harpoon	poodle	tomfoolery
brooch	hooch	pool	too
brood	hoodoo	poop	tool
buffoon	hoot	proof	tooth
bugaboo	hullabaloo	raccoon	troop
burnoose	kangaroo	rood	tycoon
caboose	lagoon	roost	typhoon
calaboose	lampoon	saloon	voodoo
cartoon	loom	school	whoop
cheroot	loon	schooner	woo
choose	loop	scoop	woof
cockatoo	loose	scout	zoo
cocoon	loot	shampoo	zoom
coo	macaroon	shoo	
cool	maroon	shoon	

8.1b In a small group of words, usage varies between [u] and [u], as in hoop [hup, hup].

broom	hoof	pooh	root
coop	hoop	roof	soot
hoodlum	hooray	room	whoop
			whooping

8.2 ou, except before r, in a small group of words, most of which are foreign loan-words, as in coupe [ku'per]. See sections 8.6, 7.3, and 10.4 for other words spelled with ou.

accouter	billetdoux	bouquet	caoutchouc
acoustic	boudoir	boutonniere	caribou
barouche	bouillon	brougham	cougar
bayou	boulevard	burnous	coulee

coulisse	group	rouge	souvenir
coup	insouciance	roulette	surtout
coup d'etat	marabou	route	through
coupe	mouflon	routine	troubadour
coupon	mousse	silhouette	troupe
croup	oubliette	*slough	trousseau
croupier	ragout	sou	uncouth
crouton	rendezvous	soubrette	unwounded
douche	retrousse	souffle	vermouth
foulard	rouble	soup	wound (injure)
ghoul	roue	soutache	you
			youth

8.3 o finally¹ and before [v], [m], and [z], in a small group of words. See section 7.5, 5.1, 10.3, and 6.1 for other o words.

ado	doer	move	tomb
approve	doing	movie	two
bosom	*hecatomb	prove	who
combe	into	thro (through)	whom
do	lose	to	whose
			womb

8.4 os in canoe and shoe.

8.5 The sound [u], spelled u, eu, or ew, following immediately after a consonant in a stressed syllable, tends to palatalize the preceding consonant. This palatalization often produces an intrusive glide sound [j], resulting in the combination [ju], depending upon several factors: namely,

1. Point of articulation or amount of palatalization already present in the consonant. [ju] is never used after [r] and seldom after [s] and [l]. It is difficult to distinguish the [j] after the palatal fricatives [ʃ] and [ʒ], and [tʃ] and [dʒ]; hence it is not represented in transcription. After the labial and velar consonants, [j] appears almost without variation.²

2. Preference in regional dialects. After [t], [d], and

¹ Such words as do, to, into are very seldom given the full stressed value of [u] in rapid speech.

² Thomas, Phonetics of American English, p. 99.

[n], GA uses [u] and S uses [ju],³ while E uses either [u] or [ju].⁴ After [s], [l], [z], and [θ], [ju] is used only by individuals here and there.

In this section the spellings of [u] after [l], [z], [s], [r], [ʃ], [tʃ], [dʒ], [θ], and [ʒ] are given. For words in which u after [b], [g], [k], [m], [p], [f], and [v] is pronounced [ju], see sections 9.5-9.

8.5a u in open stressed syllables of polysyllables, as in July [dʒuˈlaɪ], brutal [ˈbrʊtəl].

ablution	effluvium	julep	pollu
adjudicate	enthusiasm	July	pollution
allusion	enthusiastic	junior	presumable
alluvial	exclusion	juniper	prudence
alumina	exclusive	jurisprudence	prudential
aluminum	extrusion	juvenile	quadruple
antediluvial	exuberance	lubricant	recrudescence
bluher	fluting	lubricate	rejuvenate
brunet	frugal	lucent	resolution
brutal	frugality	lucerne (L)	revolution
brutality	garrulity	lucid	rhubarb
brutalize	glucose	lucidity	ruble
brutish	gluten	lucifer (L)	rubric
cerulean	glutinous	lucrative	rudiment
cherubic	hallelujah	lucre	rudimentary
*coadjutor	hallucination	lucubration	ruminate
collusion	illuminate	ludicrous	rumination
collusive	illumination	luminary	rumor
conclusion	illumine	luminosity	runic
conclusive	illusion	luminous	runic
convolution	illusive	lunacy	rupee
crucible	inclusion	lunar	rutabaga
crucial	inscrutable	lunatic	salubrious
cruciform	insuperable	lupine	scruple
crucifix	intrusion	lupus	scrupulosity
crucify	involucre	pellucid	scrupulous
crudity	jubilant	perusal	scrutinize
crusade	jubilee	plumage	scrutiny
delusion	judicature	plumy	seclusion
devolution	judicial	pluperfect	solution
dilution	judiciary	plutocrat	supercilious
dissolution	*jugular	pluvial	superfluity

³ "It is evident that the South is opposed to the use of [j] in these words, absolute, assume, lieu, sue, . . ." - William A. Read, "Some Variant Pronunciations in the New South." Reprinted from Dialect Notes, III (1911). University Bulletin (Baton Rouge: Louisiana State University, 1912), 509.

⁴ Kurath, Linguistic Atlas, pp. 67, 4, 445, and 449.

8.5b u in monosyllables and stressed syllables of polysyllables closed with consonant and final silent e, as in truce [trus], elude [e'lud].

absolute	dissolute	jejune	protrude
abstruse	elude	June	prude
allude	enthuse	lukewarm	prune
assume	exclude	lune	recluse
brute	extrude	lute	relume
capsule	exude	nodule	resolute
chute	ferrule	obtrude	resume
conclude	ferule	occlude	rude
confuse	fluke	parachute	rule
confute	flume	peruse	rune
consume	flute	plume	ruse
crude	hirsute	plumule	salute
cruse	illumine	pollute	seclude
curule	include	preclude	spruce
delude	interlude	prelude	truce
dilute	intrude	presume	

8.5c u in closed syllables of a few words.

ruthless *truffle truth

8.5d u in open stressed syllables before another syllable beginning with a vowel may be reduced to [ə].

affluence	fluent	incongruity	suicide
bluet	fluid	pursuance	superfluity
bluish	fruition	ruin	truant
bruin	gruel	suet	truism
cruet	hydrofluoric	suicidal	

8.6 eu, ew, ue, and ui in monosyllables and stressed syllables of polysyllables, as in sleuth [sluθ], gruesome [grusem], etc.

The spellings eu and ui have other pronunciations (see sections 11.4 and 2.6), but [u] is the only pronunciation for ue and ew, except in the word sew.

accrue	clue	fruit	lieutenant
bestrew	cruise	glue	lewd
blew	crew	gruesome	lewisite
blue	crewel	imbrue	pseudo
brew	construe	issue	pseudonym
bruise	curlew	Jew	purlieu
bruit	drew	jewel	pursue
cashew	eschew	juice	pursuit
chew	flew	leucocyte	queue
clew	flue	lieu	recruit

rue	sewer	sleuth	suit
rheum	sewerage	slew	suitor
rheumatism	shew	sluice	threws
rue	shrew	statue	threw
screw	shrewd	strew	tissue
sewage	skewer	sue	true
			virtue

8.7 u after b and g in a few foreign words.

*buoy	*buoyancy	shogun	tabu
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9. THE SOUNDS [ju] and [ju]

The spellings of [ju] are:

1. u or eu after [b], [f], [g], [k], [m], [p], and [v]:
 - a. u before r in stressed syllables, except as below.
 - b. u in open unstressed syllables before another syllable beginning with a vowel, except as below.
 - c. u or eu in weak-stressed open syllables or in a weak-stressed syllable followed by r.
2. u or eu in initial unstressed syllables or in initial syllables closed by r, except as below.
3. u or eu after l and n in an open weak-stressed syllable beginning with a vowel, or before r in a stressed syllable.
4. u after r in the word erudition and derivatives.

The spellings of [ju] are:

5. u or eu after [b], [f], [g], [k], [m], [p], and [v]:
 - a. u in open stressed syllables or polysyllables.
 - b. u in monosyllables and stressed syllables of polysyllables closed with consonant and final silent e.
 - c. u in a few words in which the stressed syllable is closed by consonants other than r.
6. eu, ew, ue, and ui in stressed syllables after [b], [f], [g], [k], [m], [p], and [v].
7. u and eu in initial syllables nor closed by r.
8. eau after [b] in the word beauty and derivatives.
9. u after stressed syllables ending in n and l.

Note: For other pronunciations of spellings of [ju] and [ju], see:

1. u, sections 7.6, 8.5, 11.3, 10.1, and 17.7.
2. eu, sections 11.4, 7.6a, and 8.6.
3. eu, ew, ue, and ui, section 8.6.

The distribution of [ju] and [ju] in English words is as follows:

1. In open syllables, initially ([ju] only), as in unit ['junet, 'junɪt], and finally, as in value ['vælju].

2. In closed syllables, initially and finally, as in use [jus, juz], tribute ['tribjut], pure [pjur, pjue].

Words with [ju] are grouped for practice as follows:

9.1 See section 7.6 for discussion of effect of u on preceding consonants. The following sections will deal with u after the consonants [b], [f], [k], [g], [m], [p], and [v].

9.1a u before r in stressed syllables, as in cure [kjur, kjue]. When ure occurs as the unstressed final syllable of polysyllables it may be pronounced as [ə]. See section 17.7.

bureau	curio	manicure	puritan (P)
bureauorator	curiosity	mercurial	*rotogravure
chiaroscuro	curious	mural	samurai
coiffure	demure	nervure	secure
curable	epicure	obscure	security
curative	furious	procure	sinecure
curator	futurity	pure	spurious
cure	immure	purification	sulphureous
curia	infuriate	purify	sulphuric

9.1b u in unstressed syllables before another syllable beginning with a vowel, as in vacuum ['vækjuəm].

ambiguous	contiguous	innocuous	vacuole
conspicuous	evacuate	promiscuous	vacuum

9.1c u or eu in weak-stressed open syllables or in weak-stressed syllables followed by r or consonant and final silent e.

bureaucracy	disputable	epicurean	irrefutable
concubine	disputant	futurity	lucubration
confutation	disputation	imputation	refugee
contribute	distribute	incunabula	refutation

9.2 u or eu in initial unstressed syllables or in initial stressed syllables followed by r, as in uranium [ju'reiniəm], Europe ['jʊrəp].

eureka (E)	uranium	urethra	urinal
Europe	*urea	uric	urinary
			urine

9.3 u or eu after l and n in an open weak-stressed syllable beginning with a vowel, or before r in a stressed syllable, as in valuation [vælju'eɪʃən], annual ['ænjuəl], tenure ['tenjʊr, 'tenjue].

amanuensis	continuous	innuendo	minuet
aneurysm	diminuendo	insinuate	sinuous
annual	evaluate	insinuation	strenuous
attenuate	evaluation	invaluable	superannuated
continual	extenuate	January	tenuous
continuance	extenuation	manual	tenure
continuation	ingenuous	minuend	valuation

9.4 u after r in the word erudition and derivatives.

Words with [ju] are grouped for practice as follows:

9.5 See section 8.5 for discussion of the effect of u on the preceding consonant. The following sections will deal with u after the consonants [b], [f], [k], [g], [m], [p], and [v].

9.5a u in open stressed syllables of polysyllables, as in human ['hju:mn], futile ['fju:tl].

abusive	cupidity	humane	museum
accumulate	cupola	humanitarian	music
acumen	cuprous	humanity	musician
accusative	cūrule	humanize	mutable
albuman	cūtaneous	humerus	mutability
albuminous	cuticle	humid	mutation
arbutus	debut	humidity	mutilate
attribution	diffusion	humidor	mutiny
bubonic	distribution	humiliate	mutual
bucolic	*disputable	humiliation	mūzhik
bugle	effusion	humility	peculiar
bugler	electrocution	humor	peculiarity
catechumen	elocution	humus	persecution
circumlocution	execution	immunity	profusion
communal	exhumation	immutable	prosecution
communicable	fugitive	impromptu	puberty
communicant	fumigate	impunity	pugilism
communicate	fumigation	infusion	puma
communication	funeral	irrefutable	punitive
communion	funerary	kulak	puny
communicque	funereal	lacuna	pupa
concubinage	furor	leguminous	pupil
confusion	fury	locution	pusillanimity
contribution	fuselage	lugubrious	putrefaction
cubic	fusible	marsupial	putrefy
cubele	fusileer	mucilage	putrid
cubit	fusillade	mucous	recuperation
cucumber	fusion	mucus	refusal
culinary	futile	mulatto	remunerate
cumulative	futility	municipal	remuneration
cūmulus	future	municipality	retribution
cuneiform	*herculean	munificent	suffusion
cupid (C)	human	munition	tribunal

9.5b u in monosyllables and stressed syllables of polysyllables closed with consonant and final silent e, as in ute [kjut], profuse [pro'fjus].

abuse	effuse	legume	refuge
accuse	electrocute	molecule	refute
acute	excuse	mule	repute
amuse	execute	muse	ridicule
animalcule	exhume	mute	spicule
bemuse	fugue	ovule	spume
butte	fume	perfume	stipule
commune	fuse	persecute	subterfuge
commute	gemmule	profuse	suffuse
cube	globule	prosecute	tribune
cute	gules	puke	tribute
depute	huge	pule	tubule
diffuse	immune	rebuke	vestibule
dispute	impute		

9.5c u in closed syllables after f and p in the words fuchsia and impugn.

9.5d u in open stressed syllables of polysyllables preceding another syllable beginning with a vowel, as in fuel ['fjuəl], circuitous [sə'kjuətes, se,kjuətes]. These words may also be pronounced with [ju].

ambiguity	fuel	puerile	*puissance
circuitous	perspicuity	puerility	vacuity
contiguity	promiscuity		

9.6 eu, ew, ue, and ui in monosyllables and stressed syllables of polysyllables after [b], [f], [k], [g], [m], [p], and [v], as in feud [fjud], pew [pju], revue [re'vju, ri'vju].

ague	feudal	nephew	spew
argue	few	pew	spue
askew	gewgaw	pewter	therapeutic
barbecue	hew	pharmaceutical	view
cue	hue	rescue	whew
curfew	imbue	review	yew
feud	mew	revue	

9.7 u and eu in initial syllables not closed by r, as in euphony ['ju:fəni], unite [ju'nait].

eucalyptus	eulogize	unanimity	unify
euchre	eunuch	unanimous	union
eugenio	euphemism	unicellular	unionism
eulogistic	euphony	unicorn	unique
eulogium	ubiquitous	unification	unison
eulogy	ukulele	uniform	unit

unite	*upsilon	usurious	utilitarian
unity	usable	usurp	utilitarianism
univalve	usage	usurpation	utilization
universal	use	usury	utilize
universality	user	utensil	utility
universe	usual	uterine	utopia (U)
university	usurer	uterus	

9.8 eau after [b] in the word beauty and derivatives.

beauteous beautiful beauty

9.9 u, ue, and ew in secondary stressed syllables after primary stressed syllables ending with d, n, and l in a few words, as in menu ['menju].

continue	granule	nodule	solute
deluge	menu	sinew	value

9X. Reference has already been made in section 7.6 and 8.5 to the effect of u on preceding consonants. In this section the words with u following [t], [d], and [n] will be discussed. After these consonants, GA usually uses [u,u] and S uses [ju, ju], while E uses either.¹

9X.1 u in open stressed syllables of polysyllables, as in duly ['duli, 'dju:li], tuba ['tube, 'tju:be], numeral ['numerel, 'nju:merel].

bitumen	duteous	numismatics	stupor
bituminous	dutiable	nutrient	substitution
caduceus	duty	nutriment	tuba
conductive	enumerate	nutrition	tuber
connubial	enumeration	nutritive	tubercle
constitution	fiduciary	opportunity	tubular
*contumely	importunity	parvenu	tufa
contusion	indubitable	petunia	tulip
costumier	innumerable	prostitution	tumid
credulity	institution	reducible	tumor
denudation	nuclear	student	tumult
destitution	nucleus	studio	tumultuous
diminution	nudity	studious	tuna
dubious	nugatory	stupefaction	tunic
duly	numeral	stupefy	tutelage
duplex	numerator	stupendous	tutor
duplication	numerical	stupid	unduly
duplicity	numerous	stupidity	vituperation

9X.2 u in monosyllables and stressed syllables of polysyllables closed by consonant and final silent e, as in duke [duk, djuk], nude [nud, njud], and attune [ə'tun, ə'tjun].

adduce	desuetude	institute	rectitude
altitude	dude	introduce	reduce
amplitude	duke	lassitude	seduce
aptitude	dune	latitude	similitude
astute	dupe	longitude	solicitude
attitude	educe	magnitude	solitude
attribute	exactitude	minute (small)	substitute
attune	fortitude	nude	traduce
beatitude	gratitude	obtuse	tube
certitude	habitude	opportune	tubule
conduce	hypotenuse	plenitude	tulle
constitute	importune	produce	tune
costume	induce	prostitute	verisimilitude
deduce	infinite	quietude	vicissitude

¹ "The South goes hand in hand with England in generally retaining the [j] after [t], [d], and [n], as in tune, duty, new." -- Read, "Some Variant Pronunciations." p. 509.

9X.3 eu, ew, ue, in monosyllables and stressed syllables of polysyllables, as in due [du, dju], new [nu, nju], Tuesday [tuzdi, tjuzdi].

avenue	ichneumon	neutral	residue
deuce	knew	neutrality	retinue
dew	maneuver	neutralize	revenue
due	mildew	pneumatic	stew
endue	neuter	pneumonia	steward
		renew	Tuesday

9X.4 When u appears in stressed syllables followed by r it is weakened to [u, ju], as in durable [durebel, 'djurebel], centurion [sen'turien, sen'tjurien], inure [i'nur, i'nue].

*caricature	duralumin	*expenditure	maturity
centurion	durance	inure	*overture
*curvature	duress	*ligature	penurious
durability	during	*literature	*premature
durable	endure	mature	*quadrature
			tureen

9X.5 u or eu in weak-stressed open syllables or in a weak-stressed syllable closed by r is weakened to [u, ju], as in contumacy ['kantumesi, 'kantjumesi], neurosis [nu'rouses, nju'rousis].

contumacious	*contumely	neuralgia	neurosis
contumacy	duration	neuritis	neurotic

10. THE SOUND [ʌ]

The spellings of [ʌ] are:

1. u in closed monosyllables, except as below.
2. u in closed stressed syllables of polysyllables, except as below.
3. o in closed monosyllables and stressed syllables of polysyllables, except as below.
4. ou in a small group of words.
5. Exceptional spellings in does, blood, and flood.

Note: For other pronunciations of spellings of [ʌ], see:

1. u in a few closed monosyllables and stressed syllables of polysyllables, section 7.4.
2. u in stressed syllables closed by r, sections 7.6a and 11.3.
3. u in syllables closed by consonant and final silent e, sections 9.5b and 8.5b.
4. o in closed monosyllables and stressed syllables of polysyllables of polysyllables, sections 5.1-2, 5.7, and 6.1 and .5.
5. ou, section 6.1.

The distribution of [ʌ] in English words is as follows:

1. In closed syllables initially and finally, as in under ['ʌndə, 'ʌnde], conduct [kən'dʌkt].
2. In open syllables - - does not occur.

Words with [ʌ] are grouped for practice as follows:

10.1 u in monosyllables closed by a consonant and not followed by final silent e except in words ending in dge, as in bus [bʌs]. In these words the e is used to indicate that the g is "soft" rather than to indicate the pronunciation of the preceding vowel.

bluff	buff	bung	chub	clung	cud
blunt	bug	bunk	chuck	clutch	cuff
blush	bulb	bunt	chug	crumb	cull
brunt	bulge	bus	chum	crunch	cult
brush	bulk	buss	chump	crush	cup
brusque	bum	bust	chunk	crust	cusp
buck	bump	but	club	crutch	cuss
bud	bun	butt	cluck	crux	cut
budge	bunch	buzz	clump	cub	drub

drudge	gust	munch	rust	stun
drug	gut	mush	rut	stung
drum	hub	musk	scrub	stunt
drunk	huff	muss	scruff	sub
dub	hug	must	scud	such
duck	hulk	mutt	scull	suck
duet	hull	nudge	scum	suds
dud	hum	null	scut	sulk
duff	hump	numb	scutch	sum
dug	humph	nun	shrub	sun
dull	hunch	nut	shrug	sung
dumb	hung	pluck	shuck	sunk
dump	hunk	plug	shun	sup
dun	hunt	plum	shunt	swum
dunce	hush	plumb	shut	swung
dung	husk	plump	skulk	thrum
dunk	hut	plunge	skull	thrush
dusk	hutch	plunk	skunk	thrust
dust	judge	plus	sludge	thud
dutch (D)	jug	plush	slug	thug
fluff	jump	pub	slum	thumb
flung	junk	puck	slump	thump
flunk	just	puff	slung	thus
flush	jut	pug	slunk	truck
flux	lack	pulp	slush	trudge
frump	luff	pulse	slut	trump
fudge	lug	pump	smudge	trunk
fun	lull	pun	smut	truss
fund	lump	punch	snub	trust
funk	lunch	punk	snuff	tub
fuss	lung	punt	snug	tuck
fuzz	lunge	pup	sprung	tuff
glum	lush	pus	spud	tuft
glut	lust	putt	spun	tag
grub	much	rub	spunk	tun
gruff	muck	ruff	struck	tush
grunt	mud	rug	strum	tusk
gulch	muff	rum	strung	tut
gulf	mug	rump	strut	up
gull	mulch	run	stub	us
gulp	mulet	rung	stuck	wrung
gun	mull	runt	stud	
gun	mum	rush	stuff	
gush	mumps	rusk	stump	

10.2a u in closed stressed syllables of polysyllables, except when closed by r or rr, as in jumble ['dʒʌmbəl].

abduct	abut	adjudge	adult
abrupt	accustom	adjunct	adulterate
abundance	adductor	adjust	adultery

agricultural	cluster	custody	fluctuate
agriculture	*coconut	custom	fluctuation
alumnā	columnar	customary	fluster
alumnae	combustible	outlass	fluxion
alumni	combustion	cutlery	fructify
alumnus	compulsion	cuttlefish	frustrate
amuck	compulsive	*dachshund	frustration
annul	compulsory	deduct	fulerum
annunciation	compunction	deduction	fulminate
aqueduct	conduct	deductive	*fulsome
assumption	conduction	defunct	fumble
asunder	conductive	denunciation	function
august -adj.	conductivity	destruction	fundamental
autumnal	conflux	destructive	fungi
bankrupt	conjunction	difficult	fungous
begrudge	construct	difficulty	fungus
begun	construction	disgruntled	fustian
bicuspid	consult	disgust	fusty
bludgeon	consummate -adj.	*disrupt	grumble
blunder	consumption	disruption	grumpy
blunderbuss	consumptive	disulfide	gudgeon
bluster	contrapuntal	divulge	gumbo
bucket	conundrum	drumlin	gumption
buckle	convulse	ducat	gunwale
buckler	convulsion	duchess	gustatory
buckram	convulsive	duchy	gusto
budget	corpuscle	ductility	hiccup
bugaboo	corrupt	dudgeon	horticulture
bulrush	corruption	dulcet	huckleberry
bumblebee	corundum	dulcimer	huckster
buncombe	crumble	dumdum	humble
bundle	crumpet	dumfound	hundred
bungalow	crumple	dumbfound	hunger
bungler	*crupper	effulgence	hungry
bungle	crustacean	emulsification	husband
union	cucumber	emulsify	hustle
bustard	cudgel	emulsion	*illustrate
bustle	culdesac	encumber	*illustrative
butler	culminate	enunciate	illustrious
buxom	culpable	enunciation	impulse
calumniate	culprit	erupt	impulsion
calumnious	cultivate	eruption	incrustation
carboryndum	cultural	escutcheon	inoculate
carbuncle	culture	exculpate	inculcation
catapult	culverin	expulsion	incumbent
*chestnut	culvert	expunge	incumber
chipmunk	cumber	exult	induction
chuckle	cumbrous	exultant	indulge
circumference	cupboard	exultation	indulgence
circumferential	cuspidor	fecund	indulgent
clumsy	custard	fecundity	industrial
clumsily	custodian	filibuster	industrious

instruct	multitude	puncture	subdeacon
instruction	mumble	urgency	subdeb
insult	mundane	punish	subdivide
interrupt	muscle	punkah	subdivision
interruption	muscular	pustule	subject -n.
introduction	musk ^{et}	rebut	subjoin
intrust	muslin	recumbent	subjugate
inundate	mustache	reduction	subjugation
invulnerable	mustang	redundant	subjunctive
irruption	mustard	refulgent	sublet
judgment	muster	reluctance	sublimate
judgement	number	reluctant	sublimation
*jugular	numskull	renunciation	sublunary
jumble	nuncio	republic	sublunar
jumbo	nuptial	repugnance	submarine
junction	obstruct	repulsion	submaxillary
juncture	obstruction	repulsive	subnormal
jungle	occult	result	suborder
junta	omnibus	resultant	subsection
junto	perfunctory	resumption	subsequent
justice	plunder	resuscitate	subservient
justifiable	presumption	resuscitation	subsidence
justification	presumptuous	revulsion	subsidize
justify	*product	robust	subsidy
justle	production	rotund	subsoil
juxtapose	productivity	rotunda	substance
juxtaposition	profundity	ruction	substantive
knuckle	promulgate	rumba	substation
lacustrine	promulgation	rumble	substitute
lumbago	pronunciamento	rumple	substitution
lumbar	pronunciation	rumpus	substratum
lumber	propulsion	rupture	substructure
luscious	public	rustic	subtend
lustrous	publican	rustle	subterfuge
luxuriant	publication	salmagundi	subterranean
luxurious	publicity	sculptor	subterraneous
luxury	publicize	sculpture	subtile
mogul	publish	scutcheon	subtility
moribund	pudgy	seduction	subtitle
mufti	pugnacious	sepulchral	subtle
mugwump	pulmonary	shantung	subtrahend
mulberry	*pulsator	*shogun	subtreasury
multicolored	pulsate	slumber	subtropical
multifarious	pulsation	structure	suburb
multiform	pulverize	strumpet	subway
multigraph	pumice	stultify	suckle
multilateral	pumpkin	stumble	suction
multiple	punchinello	subaltern	sulfur
multiplication	punctilio	subclavian	sulphate
multiplicity	punctual	subcommittee	sulphide
multiply	punctuate	subconscious	sulphur

sulphuric	triumphant	tuxedo	umpire
sultan	triumvir	ugly	uncle
sultana	truckle	ulcer	upholsterer
sultry	*truculent	ulcerate	uproarious
sumpter	trumpet	ulna	usher
sumptuous	truncate	ulster	utmost
sundae	truncation	ulterior	viaduct
Sunday	trundle	ultimate	voluptuous
sunder	trustee	ultimatum	vulcanize
sundry	tumble	ultra	vulgar
suspect	tumbrel	umber	vulgarity
sustenance	tumult	umbra	vulnerable
thunder	tumultuous	umbrage	vulpine
tricuspid	tundra	umbrageous	vulture
triumphal	tungsten	umbrella	*walnut

10.2b u in the stressed (either primary or secondary) closed syllable of the prefix un, as in unbend [ʌn'bend].

unabashed	unattainable	unbreakable	unclose
unabated	unattended	unbridled	unclothe
unable	unattractive	unbroken	unclouded
unabridged	unauthorized	unbuckle	uncoil
unacceptable	unavailable	unburden	uncomfortable
unaccompanied	unavailing	unburied	uncomfortably
unaccountable	unavoidable	unburned	uncommon
unaccounted	unaware	unbutton	uncommonly
unaccustomed	unbaked	uncanny	uncomplaining
unacquainted	unbalance	unceasing	uncomplimentary
unadorned	unbar	unceremonious	uncompromising
unadulterated	unbearable	uncertain	unconcern
unadvised	unbeaten	uncertainly	unconditional
unaffected	unbecoming	uncertainty	unconformable
unafraid	unbelief	unchain	unconnected
unaided	unbelievable	unchallenged	unconquerable
unalarmed	unbeliever	unchangeable	unconquered
unalloyed	unbend	unchanged	unconscionable
unalterable	unbent	uncharitable	unconscious
unambitious	unbiased	uncharted	unconsciously
unannounced	unbidden	unchartered	unconsciousness
unanswerable	unbind	uncheate	unconstitutional
unanswered	unblamed	uncheeked	uncontrollable
unappreciative	unbleached	unchristian	uncontrolled
unapproachable	unblemished	uncircumcised	unconventional
unarm	unblessed	uncivil	uncooked
unarmed	unblinking	uncivilized	uncork
unashamed	unblushing	unclaimed	uncorrupted
unasked	unbodied	unclasp	uncounted
unassailable	unborn	unclean	uncouple
unassisted	unbound	uncle	uncourteous
unassuming	unbosom	unclear	uncouth
unattached	unbraid	unclench	uncover

uncreated	uneducated	unflinching
uncrowned	uneatable	unfold
uncurl	uneaten	unforced
unction	uneconomic	unforeseen
unctuous	unembarrassed	unforgettable
uncultivated	unemotional	unformed
uncultured	unemployed	unfortunate
uncured	unemployment	unfortunately
uncut	unending	unfounded
undamaged	unendurable	unfrequent
undaunted	unenforceable	unfrequented
undecieved	unenlightened	unfriendly
undecided	unenvied	unfruitful
undefeated	unequal	unfulfilled
undefiled	unequaled	unfurl
undefined	unequivocal	unfurnished
undemocratic	unerring	ungainly
undeniable	unessential	ungenerous
undemonstrational	uneven	ungentle
under	unevenly	unglazed
undeserved	uneventful	ungodly
undesirable	unexampled	ungovernable
undeveloped	unexceptionable	ungoverned
undevout	unexpected	ungraceful
undid	unexperienced	ungracious
undiminished	unexpired	ungrateful
undisciplined	unexplained	unguarded
undiscovered	unexplored	unguent
undisguised	unexpressed	ungulate
undismayed	unexpurgated	unhallowed
undisputed	unextinguished	unhampered
undissolved	unfaded	unhand
undistinguishable	unfailing	unhandsome
undistinguished	unfair	unhappily
undisturbed	unfairness	unhappiness
undivided	unfaithful	unhappy
undo	unfaithfulness	unharmed
undone	unfaltering	unharness
undoubted	unfamiliar	unhatched
undrawn	unfasten	unhealthful
undreamed	unfathomable	unhealthy
undress	unfavorably	unheard
undue	unfeeling	unheeded
undulate	unfeigned	unheeding
undulation	unfelt	unhesitatingly
unduly	unfenced	unhinge
undying	unfetter	unhitch
unearned	unfinished	unholy
unearth	unfit	unhonored
uneasily	unfitness	unhook
uneasiness	unfix	unhorse
uneasy	unfledged	unhurried

unhurt	unmannerly	unplowed	unrequited
unidentified	unmarked	unpolished	unreserved
unimaginable	unmarried	unpolluted	unreservedly
unimaginative	unmask	unpopular	unrest
unimpaired	unmatchable	unpopularity	unresisting
unimpeachable	unmatched	unpracticed	unrestrained
unimportant	unmeaning	unprecedented	unrestricted
unimportance	unmeasured	unpredictable	unriddle
unimproved	unmeet	unprejudiced	unrighteous
uninformed	unmentionable	unpremeditated	unrighteousness
uninhabitable	unmerciful	unprepared	unripe
uninhabited	unmindful	unpretending	unrivaled
uninitiated	unmistakable	unpretentious	unroll
uninjured	unmitigated	unprincipled	unruffled
uninspired	unmixed	unproductive	unruly
uninstructed	unmolested	unprofitable	unsaddle
unintelligent	unmoved	unpromising	unsafe
unintelligible	unmovable	unpronounceable	unsaid
unintentional	unmusical	unprotected	unsalable
uninteresting	unnamed	unprovided	unsanitary
uninterrupted	unnatural	unprovoked	unsatisfactory
uninvited	unnaturally	unpunished	unsatisfied
unjust	unnecessarily	unpruned	unsavory
unjustly	unnecessary	unpublished	unsay
unkempt	unnerve	unqualified	unscathed
unkind	unnoticed	unquenchable	unschooled
unkindly	unnumbered	unquestionable	unscientific
unkindness	unobserved	unquestionably	unseal
unknit	unobstructed	unquestioned	unsearchable
unknown	unobstrusive	unquestioning	unseasonable
unlace	unoccupied	unquiet	unseasoned
unlamented	unoffending	unravel	unseat
unlatch	unofficial	unread	unseeing
unlawful	unopened	unready	unseeming
unlearn	unorganized	unreal	unseemly
unlearned	unorthodox	unreality	unseen
unleavened	unpack	unreason	unsegmented
unless	unpaid	unreasonable	unselfish
unlettered	unpalatable	unreasonably	unselfishness
unlike	unparalleled	unreasoning	unsettle
unlikely	unpardonable	unreflecting	unsettled
unlimited	unpaved	unrecognizable	unshaded
unlit	unpeopled	unrecognized	unshakable
unload	unperceived	unrecorded	unshaken
unlock	unperplexed	unregarded	unshaven
unloose	unperturbed	unregenerate	unsheathe
unloved	unpitied	unrelated	unshed
unlovely	unplanned	unrelenting	unshod
unlucky	unpleasant	unreliable	unshorn
unman	unpleasantly	unrelieved	unsightly
unmanageable	unpleasantness	unremitting	unsigned
unmanly	unpleased	unreproved	unskillful

unskilled	unsure	untouched	unwanted
unsmiling	unsurpassed	untoward	unwarrantable
unsociable	unsuspected	untrained	unwarranted
unsold	unsuspecting	untrammelled	unwary
unsophisticated	unsuspicious	untried	unwashed
unsought	unsweetened	untrimmed	unwavering
unsound	unswept	untrod	unwearied
unsoundness	unswerving	untrodden	unweary
unsparing	unsympathetic	untroubled	unwed
unspeakable	untamed	untrue	unwelcome
unspeakably	untainted	untruth	unwell
unspoiled	untaken	untruthful	unwept
unspotted	untamable	untuned	unwholesome
unstable	untangle	untuned	unwieldy
unstained	untarnished	untutored	unwilling
unsteadily	untasted	untwine	unwind
unsteady	untaught	untwist	unwise
unstop	untenable	unused	unwitting
unstrap	untenanted	unusual	unwonted
unstrung	unthinkable	unusually	unworkable
unsubdued	unthinking	unutterable	unwordly
unsubstantial	unthankful	unutterably	unworthiness
unsuccessful	untidy	unvarnished	unworthy
unsuitable	untie	unvarying	unwound
unsuited	untimely	unveil	unwounded
unsullied	untiring	unverified	unwrap
unsung	unto	unvexed	unwritten
unsupported	untold	unvisited	unyielding

10.2c u in stressed syllables closed by a doubled consonant, as in shuffle ['ʃʌfəl].

befuddle	cuttlefish	hussy	nugget
blubber	discuss	juggle	nullification
bubble	discussion	juggler	nullify
buccaneer	dummy	lubber	nullity
buffalo	felucca	luggage	nuzzle
buffet (strike)	flutter	lullaby	percussion
buffoon	fuddle	medulla	plummet
butter	funnel	*medullary	portcullis
buttery	glutton	muddle	prussic
buttocks	guffaw	muffin	puddle
button	gullet	muffle	pummel
buttress	gullible	mullein	puppet
buzzard	gusset	mullet	puppy
clutter	guttapercha	mullion	pussy -adj.
concussion	gutter	mummy	puttee
cruller	guzzle	mussel	putter (one who putt s)
cubbyhole	hubbub	mutter	putty
cuddle	huddle	mutton	puzzle
cunning	hullabaloo	muzzle	rebuttal
cussed	hummock	nubbin	repercussion

rubble	sluggard	suffix	suppliant
rudder	smuggle	suffocate	supplicate
ruddy	snuffle	suffocation	supplication
ruffian	snuggle	suffragan	supposition
ruffle	splutter	suffrage	suppuration
rummage	sputter	suffragette	*truffle
runnel	struggle	sullen	trunnion
russet	stubble	sully	tunnel
Russia	stubborn	*summa	tunny
scuffle	stucco	summarize	tuppence
scullery	stuff	summary	tussah
scullion	stutter	summation	tussle
scuffer	succor	summer (S)	tussock
scuttle	succotash	summit	udder
shrubbery	succulent	summon	upper
shudder	sudden	supper	utter
shuffle	suffer	supple	utterance
shutter	sufferance	supplement	yucca
shuttle			

10.3a o in monosyllables and stressed syllables of polysyllables closed by the nasals, [m], [n], and [ŋ], by [v],¹ (except move and prove), and a few by [ɪ], [ə], [ɒ], and [ɜ], as in love [lʌv], ton [tʌn], mother ['mʌðə, 'mʌðe], etc.

above	coming	discomfiture	hover
accompaniment	company	discover	London
accompanist	compass	done	love
accompany	*coney	*donjon	Monday
among	confront	dove -n.	monetary
amongst	*conjure	dozen	money
become	*constable	*dromedary	monger
beloved	cony	effrontery	*mongrel
brother	costermonger	fishmonger	monies
*colander	covenant	front	monk
color	coventry (C)	frontier	monkey
coloration	cover	frontispiece	month
*combat	coverture	glove	mother
*combatant	covet	govern	none
*combative	covey	governor	nothing
come	coz	grovel	once
comfit	cozen	honey	one
comfort	discomfit	hovel	onion

¹ In the group of words ending with v and final silent e, the e was put into the spelling to indicate that former Middle English orthographic symbol u was to be pronounced [v]. Therefore the e in these words does not affect the preceding vowel. --Wright, New English Grammar. p. 13.

other	shove	sovrān	tricolor
oven	shovel	sponge	*twopēnce
plover	sloven	stomach	unbecoming
pomegranate	smother	ton	won
pommel	some	tongue	wonder
recover	somersault	tonneau	wont
recovery	son	'tether	*won't
remonetize	*sovereign		

10.3b In a few words in which o precedes r or rr inter-vocally, GA uses [ɜ], but S and E use [ʌ] and [r], as in worry ['wɜr, 'wari].²

borough thorough worry

10.4 ou, except before r, in closed monosyllables and stressed syllables of polysyllables in a few words, as in double ['dabel].

clough	double	moustache	tough
country	doubloon	rough	trouble
couple	enough	slough -v.	troublous
couplet	hiccough	southerly	young
coupling	*housewife	southern	younger
cousin	*joust	touch	

10.5 Exceptionally:

<u>o</u>	<u>oo</u>
does	blood
doesn't	flood
dost	
doth	

² Thomas, "Notes on the Pronunciation of Hurry." p.115.

11. THE SOUNDS [ɜ] and [ɝ]

The spellings of [ɜ] and [ɝ] are:

1. er in stressed syllables, either final or before another consonant, except as below.
2. ir in stressed syllables, either final or before another consonant.
3. ur in stressed syllables, either final or before another consonant, except as below.
4. eu in stressed syllables, either final or before another consonant, except as below.
5. our in stressed syllables, either final or before another consonant, except as below.
6. ear in stressed syllables, either final or before another consonant, except as below.
7. yr in stressed syllables, either final or before another consonant, except as below.
8. er, ir, or, ur, yr, before vowels, except as below.

Note: For other pronunciations of spellings of [ɜ] and [ɝ], see:

1. er, either final or before another consonant, sections 2.3 and 5.5b.
2. ur in stressed syllables, sections 7.6a and 9.1a.
3. eu in stressed syllables, sections 7.6a, 9.1a and 9.6.
4. our in stressed syllables, sections 7.2 and 14.7.
5. ear in stressed syllables, section 5.5b.
6. or in stressed syllables, sections 6.1 and 14.6.
7. yr in final stressed syllables, section 2.3.

The distribution of [ɜ] and [ɝ] in English words is as follows:

1. In open syllables, initially and finally, as in early [ɜli, ɜli], ever [ɛvɜ, ɛvɜ].
2. In closed syllables, initially and finally, as in erst [ɜst, ɜst], research [rɛsɜtʃ, rɛsɜtʃ].

Words with [ɜ] and [ɝ] grouped for practice as follows:

11.1 [ɜ] and [ɝ] are used to express the difference in pronunciation in the various regions. [ɜ] shows the r quality of GA speech, and [ɝ] indicates the sound which S and E speakers use. This latter sound has no r quality. Whichever sound is used, however, it must be in a stressed syllable.

er, either finally or before another consonant, as in
her [hɜ, hɜ], berth [bɜθ, bɜθ].

adverb	controversial	eternity	impersonation
adverse	controversy	excerpt	impertinence
adversity	controvert	exert	impervious
advertisement	convergence	exertion	inadvertently
alert	converge	expert	inert
allergic	conversant	external	inertia
alternative	converse	ferment -n.	inexpert
amerge	conversion	fermentation	infer
angiosperm	convert	fern	inferno
animadversion	convertible	fertile	innervate
animadvert	defer	fertilization	insert
anniversary	derby	fertilize	insertion
aspense	dermatology	fervent	inter
aspersion	dermis	fervid	intercalate
assert	dervish	fervor	interment
assertion	desert -v.	fraternal	interminable
aver	deserter	fraternity	intern
averse	desertion	gerfalcon	internal
aversion	deserve	germ	interne
avert	dessert	german (G)	interpolate
berg	deter	germane	interpret
berth	determination	Germany	interpretation
brer	determine	germicide	intersperse
certain	*deterrent	germinate	introvert
certes	discern	germination	inverse
*certification	disconcert	gherkin	invert
certified	disperse	gramercy	invertibrate
certify	dispersion	guttapercha	isotherm
certitude	diverge	hauberk	isothermal
cervical	divergence	her	jerk
cervical	diverse	herb	jerkin
clergy	diversification	herbaceous	jersey (J)
clerk	diversify	herbarium	kerchief
coerce	diversion	*herculean	kern
coercion	divert	Hercules	kernel
coercive	echinoderm	herd	kersey
*commerce	ectoderm	hermaphrodite	lucerne
commercial	emerge	hermetically	malapert
commercialize	emergence	hermit	maternal
concern	endosperm	hernia	maternity
concert-v.	enervate	hyperbola	mercantile
concerted	epidermis	hypodermic	mercenary
confer	ergo	iceberg	mercier
conservatism	ermine	immerse	mercize
conservative	err	immersion	merchandise
conservatoire	erst	imperfect	merchant
conserve	eternal	impermeable	mercury

mercy	persecute	sermon	thermostat
merge	persecution	serpent	transfer
merl	<u>perseverance</u>	servant	traverse
mermaid	<u>persevere</u>	serve	tubercular
modernity	persiflage	service	tuberculosis
nerve	person	servile	'twere
nervous	personality	servitor	universal
nervure	personate	servitude	universe
observance	personnel	sherbet	university
observant	perspicacity	sperm	verb
observatory	perspicuity	spermatozoon	verdant
observe	perspiration	sterling	verdict
obverse	pert	stern	verdigris
overt	pertinacious	sternum	verdure
pachyderm	pertinacity	subaltern	verge
paternal	pertinent	submerge	vermeil
paternity	perturbation	subservient	vermicelli
per	<u>perv</u> erse	subversion	vermiform
percept	<u>perversion</u>	subversive	vermin
perch	<u>perv</u> ert -v.	subvert	vermouth
percolate	<u>perv</u> ert -n.	superb	vernal
perfect -adj.	pluperfect	superfluous	<u>vern</u> ier
perfectly	potsherd	superlative	versatile
perfidy	prefer	supernal	versatility
perforate	preservative	swerve	verse
perforation	preserve	<u>terg</u> iversation	versify
perfume -n.	proverb	term	version
pergola	proverbial	termagant	versus
perjure	quaternary	terminal	vertebra
perjury	refer	terminate	vertebrate
perk	reserve	termination	vertex
permanence	<u>rever</u> berate	terminology	vertical
permanent	<u>rever</u> beration	terminus	vertigo
permeate	reverse	termite	viceversa
permit -n.	reversible	tern	wert
permutation	reversion	terse	
perpendicular	revert	tertian	
perpetrate	sautern	tertiary	
perpetration	sempiternal	thermal	
perpetuity	serf	thermoelectric	
perquisite	serge	thermos	

11.2 ir in stressed syllables, either finally or before consonants, as in fir [fɜ, fɜ], mirth [mɜθ, mɜθ].

affirm	chirr	circulatory	circumspect
affirmative	circa	circumambient	circumstance
begirt	circle	circumcise	circumstantial
besmirsch	circlet	circumcision	circumvent
birch	circuit	circumlocution	circus
bird	circular	circumnavigate	cirque
birth	circulate	circumpolar	confirm
chirp	circulation	circumscribe	confirmatory

dirge	girdle	shirk	thirteen
dirk	girl	shirr	thirty
dirt	girt	shirt	twirl
extirpate	girth	sir	virgin
fir	hirsute	skirmish	virginal
firm	infirmary	skirt	virtual
firman	infirmity	smirk	virtue
firmament	kirk	squirm	virtuoso
first	kirtle	squirt	virtuous
firth	mirth	stir	whir
flirt	nirvana	swirl	whirl
flirtation	quirk	third	whirligig
gird	quirt	thirst	whirr
			zircon

11.3 ur in stressed syllables, either finally or before consonants, as in fur [fɜ, fɜ], burn [bɜn, bɜn].

absurd	curl	hamburger	purlieu
absurdity	curlew	hurdle	purloin
accursed	curse	hurdygurdy	purple
appurtenance	cursor	hurfl	purport
blur	curt	hurlyburly	purpose
blurb	curtain	hurt	purr
burden	curtal	hurtle	purse
burdock	curtsy	imperturbable	pursuivant
burg	curvature	incursion	purview
burgess	curve	insurgent	recur
burgh	curvet	laburnum	regurgitate
burglar	demur	lurch	return
burglary	disburse	lurk	scurf
burgomaster	discursive	metallurgical	scurvy
burlap	disturb	metallurgy	slur
burlesque	diurnal	murder	splurge
burly	durst	murk	spur
burn	excursion	murmur	spurred
burnoose	excursive	nasturtium	spurn
burr	expurgate	nocturnal	spurt
burst	fur	nocturne	sturdy
burthen	furbelow	nurse	sturgeon
chirurgion	furbish	nursery	suburb
church	furlough	nurture	suburban
churl	furl	occur	surcease
churn	furnace	perturb	surcharge
concur	furnish	precursor	surcingle
cur	furniture	purblind	surcoat
curb	further	purchase	surf
curd	furthest	purgative	surface
curdle	furtive	purgatory	surfeit
curfew	furze	purge	surge
	gurgle	purl	surgeon

surly	topsyturvy	turmoil	urbanity
surmise	turban	turn	urchin
surname	turbid	turnip	urge
surplice	turbine	turpentine	urgency
surplus	turbot	turpitude	urgent
surtax	turbulence	turquoise	urn
* survey	turf	turtle	usurp
taciturn	turgid	urban	usurper
Thursday	turkey (T)	urbane	

11.4 su in a small group of French loan-words, as in flaurdelis ['flɔdəli, 'flɛdəli].

amateur	coiffeur	guernsey (G)	monsieur
charmeuse	connoisseur	hauteur	m'sieur
chasseur	entrepreneur	horsd'oeuvre	restaurateur
chauffeur	fleurdelis	liqueur	seigneur
chefd'oeuvre	guerdon	masseuse	

11.5 our in a few words, as in journey ['dʒɜni, 'dʒɛni].

adjourn	courtesy	scourge	tourney
courteous	journal	sojourn	* tourniquet
* courtesan	journey	* tournament	

11.6 ear in a small group of words, as in earth [ɜθ, ɜθ].

dearth	earnest	learn	search
earl	earth	pearl	* yearling
early	heard	rehearse	yearn
earn	hearse	research	

11.7 or in a small group of words beginning with w, or wh as in word [wɜd, wɔd]. Attorney is the only one not beginning with w.

attorney	whorl	work	worship
coworker	whortleberry	world	worst
liverwort	word	worm	worth
		worse	worthy

11.8 yr in a few words.

myrmidon	myrrh	myrtle (M)	thyrsus
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11.9 e, i, o, ou, y, before r or rr and an unstressed syllable, GA uses [ɜ̃] but S and E use [ʌ] and [r].¹ This also holds true for words ending in r and having another syllable beginning with a vowel added, as in erring ['ɜɪn, 'ʌrɪŋ].

borough	current	murrain	surreptitious
burro	curriole	nourish	surrey
burrow	curry	occurrence	surrogate
chirrup	flourish	recurrence	syrup
concurrence	flurry	scurrilous	thorough
concurrent	furrier	scurry	transference
courage	furrow	sirup	turret
courier	hurricane	squirrel	unerring
currant	hurried	stirring	worry
currency	hurry	stirrup	

11.10 Exceptionally in colonel.

¹ Thomas, "Notes on the Pronunciation of Hurry," p. 115.

12. THE SOUNDS [eɪ] and [e]

The spellings of [eɪ] are:

1. a in monosyllables and stressed syllables of polysyllables closed by consonant or consonant cluster and final silent e, except as below.
2. a in open stressed syllables of polysyllables, except as below.
3. ai, except as below.
4. ay in monosyllables and stressed syllables of polysyllables.
5. ei, except as below.
6. ey, except as below.
7. e, ee, e before silent r and t in final stressed syllables of foreign loan-words.
8. e in closed syllables of loan-words.
9. ea, except as below.
10. a in a few words, most of which have syllables closed by nge.
11. Exceptionally in brae, champagne, gaol, gauge, halfpence, halfpenny, maelstrom, steenbok.

The spellings of [e] are:

1. a, ay in weak-stressed syllables.

Note: For other pronunciation of spellings of [eɪ], see:

1. a in a few monosyllables closed by consonant and final silent e, section 4.1.
2. a in monosyllables and stressed syllables of polysyllables closed by consonant and not followed by silent e, sections 4.1 and .2, 5.5a.
3. a in open stressed syllables of a few words, section 5.8.
4. ai before r, section 3.3; not before r, sections 4.4 and 13.10.
5. ei in a few words, especially before [s], section 1.7.
6. e in closed syllables, section 3.1 and .2.
7. ea, sections 1.6 and 3.
8. ey, section 3.

The distribution of [eɪ] in English words is as follows:

1. In open syllables, initially and finally, as in able [ˈeɪbəl], allay [əˈleɪ].
2. In closed syllables, initially and finally, as in aid [eɪd], contain [kənˈteɪn].

Words with [eɪ] and [e] grouped for practice as follows:

12.1a a in monosyllables and stressed syllables of polysyllables closed by a consonant or consonant cluster and final silent e, as in came [keɪm].

The sound [eɪ] is a diphthong and is popularly known as "long a." In the following list of words, the final silent e follows the general rule in indicating that the preceding vowel is long, phonetically speaking. See section 4.1 for a few words in which final silent e does not indicate the pronunciation of the preceding vowel, but rather that of the preceding consonant.

abate	baste	cellophane	decimate
abrade	bate	centigrade	deflate
accolade	bathe	chafe	degrade
ace	became	*charade	diastase
acetate	behave	chase	dissuade
ache	beldame	chaste	drake
aeroplane	berate	chicane	drape
agape	blade	chrysopraxe	drave
agave	blame	clave	efface
age	blaze	cockade	emaciate
ale	blockade	colonnade	*enfilade
amaze	brace	concave	engage
ambuscade	brake	conclave	erase
apanage	brave	*counterpane	escapade
ape	brigade	crane	escape
arbitrate	brocade	crape	*esplanade
arcade	cage	crate	evade
architrave	cake	crave	exhale
assuage	calculate	craze	face
astrolabe	came	crusade	fade
ate	cane	dace	fake
*ave	cannonade	dale	fame
babe	cape	dame	fane
bake	carapace	date	fate
bale	cascade	daze	female
balustrade	case	debate	flake
bane	cate	debilitate	flame
barricade	cavalcade	decade	frame
base	cave	decapitate	*fusillade

gage	lane	plague	snake
gale	late	plane	space
game	lathe	plate	spade
gape	lave	pomade	spake
gate	lemonade	prate	spate
gave	mace	presage	stage
gaze	made	profane	stake
germane	make	promenade	stale
glade	male	quake	state
glaze	mane	race	stave
grace	marinade	rage	stockade
grade	marinate	rake	* suave
grandame	marmalade	rampage	swage
grape	masquerade	rape	swale
grate	mate	rate	swathe
grave	maze	rathe	take
graze	membrane	rave	tale
grenade	methane	raze	tame
grimace	mundane	regale	tape
hake	name	renegade	taste
hale	nape	replace	thane
hame	nave	safe	tirade
haste	nightingale	sage	trace
hate	*octave	*sake	trade
haze	opaque	sale	ultramontane
humane	orangeade	saline	urbane
*hurricane	pace	same	vague
inane	page	sane	vale
inhale	pale	sate	vane
invade	palisade	save	*vase
irate	pane	scale	volplane
jackanapes	parade	scape	wade
jade	paraphrase	scathe	wage
James	partake	scrape	wake
Jane	paste	serenade	wane
jape	pate	shade	waste
kale	pave	shale	wave
knave	percale	shame	whale
lace	persuade	shape	
lade	pervade	shave	
lake	phase	sheldrake	
lambaste	phrase	skate	
lame	place	slake	

12.1b a in the stressed syllable ate. This ending is always stressed in verb forms and occasionally in some nouns and adjectives.

abbreviate	coagulate	disintegrate	extenuate
abdicate	cogitate	disseminate	extirpate
abrogate	cognate	dissipate	extricate
accelerate	collaborate	dissociate	fabricate
accentuate	collate	domesticate	facilitate
* acclimate	commemorate	dominate	fascinate
accommodate	commiserate	donate	felicitate
accumulate	communicate	educate	fluctuate
acidulate	compensate	effectuate	formulate
activate	complicate	ejaculate	frustrate
actuate	concentrate	elate	fulminate
adjudicate	conciliate	elevate	fumigate
adulterate	confabulate	eliminate	generate
aerate	confiscate	elongate	germinate
aggravate	congratulate	elucidate	gesticulate
agitate	congregate	emaciate	glaciate
alienate	consecrate	emanate	granulate
alleviate	consolidate	emancipate	gratulate
allocate	contaminate	emasculate	gravitate
amalgamate	contemplate	emigrate	gyrate
ameliorate	correlate	emulate	habituate
amputate	create	enumerate	hesitate
annihilate	cremate	enunciate	hibernate
annotate	criminate	equate	humiliate
anticipate	culminate	eradiate	hydrate
apostate	cultivate	estate	hyphenate
appreciate	decorate	evacuate	illuminate
arrogate	dedicate	evaluate	illustrate
asphyxiate	delineate	evaporate	imitate
assassinate	demonstrate	eventuate	immigrate
asseverate	deprecate	exaggerate	immolate
assimilate	depreciate	exasperate	impersonate
authenticate	derogate	excavate	implicate
calibrate	desecrate	excoriate	inaugurate
calumniate	dessicate	exculpate	incarcerate
capitulate	deteriorate	execrate	incinerate
captivate	detonate	exhilarate	incriminate
castellate	devastate	exonerate	incubate
castigate	deviate	expiate	inculcate
castrate	dictate	expectorate	indicate
celebrate	differentiate	expiate	infatuate
chlorate	dilapidate	expostulate	inflate
circulate	dilate	expurgate	ingratiate

innate	meditate	potentate	sedate
innervate	migrate	predestinate	sequesterate
innovate	militate	preponderate	speculate
inoculate	mitigate	prevaricate	stagnate
insinuate	modulate	probate	stimulate
instigate	motivate	procrastinate	stipulate
insulate	mutilate	prognosticate	stridulate
integrate	narrate	promulgate	substantiate
intercalate	nauseate	propagate	suffocate
interpolate	necessitate	propitiate	sulphate
interrogate	negate	prostrate	supplicate
intimidate	negotiate	pulsate	superannuate
intoxicate	nominate	punctuate	syncopate
inundate	oblade	radiate	tabulate
invalidate	obliterate	reanimate	tartrate
investigate	obviate	rebate	terminate
invigorate	officiate	reciprocate	tolerate
irradiate	operate	recuperate	tractate
irrigate	orate	refrigerate	translate
irritate	originate	regulate	triturate
isolate	ornate	regurgitate	truncate
iterate	oscillate	reiterate	vacate
lacerate	palliate	rejuvenate	vaccinate
lamine	palpitate	relegate	vacillate
lanceolate	participate	remonstrate	variegate
legislate	patriciate	remunerate	vegetate
liberate	penetrate	renovate	venerate
liquidate	perambulate	relate	ventilate
locate	perforate	reprobate	vibrate
lubricate	permeate	repudiate	vindicate
luxuriate	perpetrate	retaliate	violate
magnate	perpetuate	ruminate	vitiate
manipulate	phosphate	rusticate	vociferate
masticate	placate	saturate	
matriculate	pollinate	scintillate	
medicate	populate		

12.1c In the following list, the verb form has the ending ate pronounced [eɪ], and the noun or adjective form usually unstressed to [ə] or [ɪ], as in estimate ['estemert, 'estemet, 'estimt]. A few of the words listed below have no verb forms, but the amount of stress on the final syllable determines whether it will be [eɪ] or [əɪ].

acclimate	appropriate	caliphate	conjugate
advocate	approximate	candidate	consummate
affiliate	arsenate	carbonate	cooperate
agglomerate	articulate	certificate	coordinate
aggregate	associate	ciliate	corporate
alternate	attenuate	confederate	corroborate
animate	benzoate	conglomerate	carrugate

degenerate	inebriate	ordinate	serrate
delegate	infuriate	ovate	silicate
denominate	initiate	palatinate	situate
designate	insensate	palmate	staminate
desolate	intestate	percolate	subjugate
discriminate	intimate	personate	sublimate
distillate	invertebrate	pinnate	subordinate
duplicate	involute	pontificate	sultanate
elaborate	laureate	postulate	surrogate
enervate	licentiate	precipitate	syndicate
estimate	magistrate	predicate	tessellate
expatriate	mandate	primate	tribunate
federate	mediate	profligate	triplicate
graduate	moderate	quadrate	triumvirate
imbricate	nitrate	regenerate	undulate
importunate	novitiate	reverberate	ungulate
impregnate	nucleate	satiare	vertebrate
incarnate	obligate	segregate	
inchoate	opiate		

12.1d When a word ends with a consonant and silent e, the addition of an inflectional ending usually does not change the pronunciation of the a, as in bracing ['breɪsɪŋ].

antiquated	chicanery	grating	scaly
ashamed	constipated	graven	shaken
bastings	craven	hasty	sophisticated
belated	craving	lacing	striated
bemazed	debatable	lacy	superannuated
bracing	depraved	laden	taking
bravery	discriminating	pasty	tasty
casing	excruciating	*placer	wastage
chasten	forsaken		

12.2a a in open stressed syllables of polysyllables, as in gravy ['greɪvɪ].

able	*aged	anus	asymmetrical
ably	agency	apex	atheism
acacia	agent	aphid	atheist
acorn	ague	apiary	atrium
acre	algebraic	apparatus	*aviation
acreage	alias	*apricot	*aviator
adjacent	alien	April	aviary
*aerate	alligator	apriori	azalea
*aerial	amen	apron	*azure
*aery	amiable	aqueous	baby
affidavit	anal	archaic	bacchanalian
afflatus	ancient	*armada	bacon
agaragar	angel	aspirator	banal

banality	* decadent	ignoramus	navel
basal	desiderata	imago	navy
bases	desperado	* implacable	nomenclature
basin	diapason	indicator	oasis
basis	* digitalis	ingratiolate	* octavo
bastinado	emaciate	insatiable	pagan
batrachian	emaciation	irradiate	palatial
bayonet	embrasure	jacinth	paleozoic
blatant	epithalamium	kaolin	paleolithic
blazon	eradiate	kapok	paleontology
* bravo	erasure	katydid	palladium
brazen	escalator	label	papacy
brazier	evasive	labial	papal
cable	expatriate	labor	paper
cacao	expatriation	ladle	papist
cadence	expatiate	lady	paraphernalia
cadi	fable	laity	patent
calif	facial	lares	pater
calyx	facies	latent	pathos
* candelabrum	faerie	latex	patience
canine	famous	laver	patient
capability	farrago	lazar	patriarch
capable	fatal	lazy	patriot
capon	favor	legislature	patriotic
caput	favorite	literati	patronage
caries	flagrant	lumbago	* patronage
casein	flavor	major	* patronize
cater	fracas	mammalian	pellagra
chaos	fragrance	mania	penates
cicada	fragrant	maniac	phaeton
clogca	gaby	manioc	phalanx
commentator	gable	maple	pharisaical
commutator	gala	mason	phraseology
compatriot	geranium	mater	* placable
complacence	glacial	matrix	* placate
complacency	glaciate	matron	plagiarism
complacent	glacier	mavis	plagiarize
conservator	glacis	milady	plumbago
contagion	gladiator	miscellany	pomatum
cooperator	gradient	mosiac	potato
cradle	graham (G)	nabob	procurator
cranial	gratis	nadir	prosaic
cranium	gravy	naked	qua
crazy	gymnasium	napery	* quasi
curator	habeas	nares	quaver
dado	halo	narrator	rabies
dais	harem	nasal	raceme
data	hatred	nascent	racial
dative	haven	natal	radial
datum	hazel	natron	radiant
* decadence	hazy	nature	radiate
	hiatus	naval	radiation

radii	salable	staple	uranium
radio	saleratus	statist	vacancy
radium	salient	status	vacant
radius	samite	strata	vacate
rapier	sapient	stratum	vagrant
ratio	satan (S)	stratus	vagus
raven	satanic	subclavian	valence
razor	satiare	table	vanadium
*recitative	satrap	tabor	vapor
regalia	satyr	talesman	vaporization
resonator	savior	taper	vaporize
rotogravure	savor	tapir	verbatim
rutabaga	shillalah	tatterdemalion	virago
saber	spectator	testator	volcano
sable	stabilization	* tomato	voltaic
sachem	stabilize	tornado	wafer
sacred	stable	* trachea	zany
sadism	stadium	ultimatum	
sago	stamen	unable	

12.2b a in the open stressed syllable of the ending ation, as in dictation [dik'terjən].

abbreviation	aggregation	argumentation
abdication	agitation	articulation
aberration	alienation	asphyxiation
abjuration	allegation	aspiration
abnegation	alleviation	assassination
abomination	alliteration	asseveration
abrasion	allocation	assignment
abrogation	alteration	assimilation
acceleration	altercation	association
accentuation	alternation	attestation
acceptation	amalgamation	augmentation
acclamation	amelioration	authorization
accommodation	amortization	aviation
accumulation	amplification	avocation
accusation	amputation	beatification
adaptation	animation	calculation
adjudication	annexation	cancellation
administration	annihilation	canonization
adjuration	annotation	capitalization
admiration	annunciation	capitation
adoration	anticipation	capitulation
adulation	appellation	carnation
adulteration	application	castigation
affectation	appreciation	causation
affiliation	approbation	celebration
affirmation	appropriation	centralization
agglomeration	approximation	certification
aggravation	arbitration	cessation

characterization
 circulation
 citation
 civilization
 classification
 coagulation
 codification
 coeducational
 cogitation
 collaboration
 collation
 collocation
 colonization
 coloration
 combination
 commemoration
 commendation
 commiseration
 communication
 commutation
 compensation
 compilation
 complication
 computation
 concatenation
 concentration
 conciliation
 condemnation
 condensation
 confederation
 configuration
 confirmation
 confiseation
 conflagration
 conformation
 confutation
 conglomeration
 congratulation
 congregation
 conjugation
 conjuration
 connotation
 consecration
 conservation
 consideration
 consolidation
 constellation
 consternation
 constipation
 consultation
 consummation
 contamination
 contemplation

continuation
 conversation
 convocation
 cooperation
 coordination
 coronation
 corporation
 correlation
 corroboration
 corrugation
 creation
 cremation
 crystallization
 culmination
 cultivation
 damnation
 decapitation
 declamation
 declaration
 declination
 decoration
 dedication
 defalcation
 defamation
 deflation
 deformation
 degeneration
 degradation
 deification
 delectation
 delegation
 deliberation
 delineation
 demarcation
 demonstration
 demoralization
 denomination
 denudation
 denunciation
 deportation
 deprecation
 depreciation
 depredation
 deprivation
 derivation
 derogation
 desecration
 designation
 desolation
 desperation
 destination
 deterioration
 determination

detestation
 detonation
 devastation
 deviation
 dictation
 differentiation
 dilapidation
 dilation
 discrimination
 disembarkation
 disintegration
 dispensation
 disputation
 dissemination
 dissertation
 dissimulation
 dissipation
 dissociation
 distillation
 diversification
 divination
 domestication
 domination
 donation
 dramatization
 duplication
 duration
 edification
 education
 ejaculation
 elaboration
 elation
 electrification
 elevation
 elimination
 elucidation
 emaciation
 emanation
 emancipation
 embarkation
 emendation
 emigration
 emulsification
 enumeration
 enunciation
 equalization
 equation
 equivocation
 estimation
 evacuation
 evaluation
 evaporation
 evocation

exaggeration
 exaltation
 examination
 exasperation
 excavation
 excitation
 exclamation
 excretion
 exemplification
 exhilaration
 exhortation
 exhumation
 expatriation
 expectoration
 experimentation
 expiation
 explanation
 explication
 exploitation
 exploration
 exportation
 expostulation
 extenuation
 extermination
 extirpation
 exudation
 exultation
 fabrication
 falsification
 fascination
 federation
 felicitation
 fermentation
 fertilization
 filtration
 fixation
 flagellation
 flirtation
 flotation
 fluctuation
 fomentation
 formation
 formulation
 fornication
 fortification
 foundation
 fructification
 frustration
 fumigation
 generalization
 generation
 germination
 gesticulation

glorification
 gradation
 graduation
 gratification
 gratulation
 gravitation
 gyration
 habitation
 hallucination
 hesitation
 hibernation
 hospitalization
 humiliation
 identification
 illumination
 illustration
 imagination
 imitation
 immigration
 immolation
 impersonation
 implication
 importation
 imprecation
 impregnation
 improvisation
 imputation
 inauguration
 incantation
 incarceration
 incarnation
 inclination
 incrustation
 incubation
 inculcation
 indemnification
 indentation
 indication
 indignation
 infatuation
 inflammation
 inflation
 information
 inhalation
 initiation
 innovation
 inoculation
 insinuation
 inspiration
 installation
 instigation
 instrumentation
 insulation

intensification
 interpellation
 interpolation
 interpretation
 interrogation
 intimation
 intimidation
 intonation
 inundation
 invitation
 invocation
 ionization
 irradiation
 jubilation
 justification
 lamentation
 laudation
 legation
 legislation
 libation
 liberation
 limitation
 liquidation
 litigation
 localization
 location
 lubrication
 lucubration
 machination
 magnetization
 manifestation
 manipulation
 mastication
 materialization
 matriculation
 mechanization
 mediation
 meditation
 menstruation
 mensuration
 migration
 militarization
 ministration
 mitigation
 mobilization
 moderation
 modernization
 modification
 modulation
 molestation
 mortification
 multiplication
 mutation

mutilation
 mystification
 narration
 nation
 nationalization
 naturalization
 navigation
 negation
 negotiation
 neutralization
 nitrification
 nomination
 notation
 notification
 nullification
 objurgation
 oblation
 obligation
 observation
 occupation
 operation
 oration
 orchestration
 ordination
 organization
 orientation
 ornamentation
 oscillation
 ossification
 ostentation
 ovation
 oxidation
 pacification
 palliation
 palpitation
 participation
 pasteurization
 speculation
 penetration
 perambulation
 peregrination
 perforation
 permutation
 peroration
 perpetration
 perpetuation
 personification
 perspiration
 perturbation
 plantation
 polarization
 pollination
 population
 potation
 precipitation

predication
 preparation
 presentation
 preservation
 prevarication
 privation
 probation
 proclamation
 procrastination
 profanation
 prognostication
 prolongation
 promulgation
 pronunciation
 propagation
 propitiation
 prostration
 protestation
 provocation
 publication
 pulsation
 punctuation
 purification
 qualification
 quotation
 radiation
 ramification
 ratification
 ratiocination
 ration
 realization
 recantation
 reciprocation
 recitation
 reclamation
 recommendation
 reconciliation
 recreation
 recrimination
 rectification
 recuperation
 reformation
 refrigeration
 refutation
 regimentation
 registration
 regulation
 rehabilitation
 rejuvenation
 relation
 relaxation
 remuneration
 renovation
 renunciation
 reparation

representation
 reprobation
 repudiation
 reputation
 reservation
 resignation
 respiration
 restoration
 resuscitation
 retaliation
 retardation
 revelation
 reverberation
 revocation
 rogation
 rumination
 salutation
 salvation
 sanctification
 sanitation
 saponification
 saturation
 scintillation
 secularization
 segmentation
 segregation
 sensation
 separation
 sequestration
 signification
 simplification
 simulation
 situation
 socialization
 solicitation
 solidification
 sophistication
 specialization
 specification
 speculation
 spoliation
 stabilization
 stagnation
 standardization
 starvation
 station
 sterilization
 stimulation
 stipulation
 strangulation
 stratification
 stupefaction
 sublimation
 subordination
 substantiation

suffocation	transpiration	variation
summation	transportation	vegetation
supplication	trepidation	veneration
suppuration	triangulation	ventilation
synecopation	tribulation	verification
tabulation	undulation	versification
taxation	unification	vexation
temptation	usurpation	vibration
tergiversation	utilization	vindication
termination	vacation	violation
tintinnabulation	vaccination	visitation
toleration	vacillation	vituperation
transfiguration	valuation	vocation
translation	vaporization	vociferation

12.2c a in the stressed syllable of the endings aceous, acious, ageous, agious, aneous, anean, asion, asive, ative. The stress in these syllables may be either primary or secondary. In the ending ative the a may be unstressed to [ə].

abrasion	cutaneous	native	simultaneous
abrasive	efficacious	occasion	spacious
advantageous	evasion	outrageous	spontaneous
audacious	extemporaneous	persuasion	suasion
capacious	fallacious	persuasive	subterranean
contagious	gracious	pertinacious	subterraneous
contemplative	herbaceous	pugnacious	tenacious
contemporaneous	*imaginative	qualitative	umbrageous
contumacious	*initiative	quantitative	veracious
courageous	instantaneous	rapacious	vexatious
creative	invasion	sagacious	vivacious
crustacean	loquacious	salacious	voracious
*cumulative	miscellaneous	sebaceous	

12.3 ai in closed monosyllables and both open and closed stressed syllables of polysyllables, in most words, as in bail [beɪl], daily ['deɪli]. For words in which ai is followed by r, see section 3.3.

abigail (A)	aim	* bairn	chaise
abstain	appertain	bait	champaign
acclaim	appraise	baize	chatelaine
acquaint	arraign	braid	chilblaine
acquaintance	ascertain	brain	claim
afraid	assail	braise	cocaine
aid	attain	caisson	* cockswain
aide	avail	caitiff	complain
aigrette	bail	campaign	complainant
ail	bailiff	canaille	complaint
aileron	bailiwick	chain	* complaisance

*complaisant	gait	plain	snail
constrain	gaiter	plaint	Spain
contain	glaive	plaintiff	sprain
coxswain	grain	plaister	staid
curtail	hail	plait	stain
daily	jail	portrait	straight
dainty	lackadaisical	postchaise	strain
dauntily	laid	*prairie	strait
dais	lain	praise	sustain
daisy	laissezfaire	prevail	suzerain
detail	liaison	proclaim	swain
detain	maid	ptomaine	taffrail
disdain	mail	quail	tail
distain	maim	quaint	tailor
distract	main	quatrain	taint
domain	<u>maintain</u>	raid	terrain
drain	maintenance	rail	trail
entertain	maize	raillery	train
entrails	mayonnaise	raiment	trait
exclaim	moraine	rain	traitor
explain	*naiad	raise	travail
fail	nail	raisin	twain
failure	*nainsook	refrain	vail
fain	obtain	regain	vain
faint	ordain	remain	waif
faith	paid	*renaissance	wail
flail	pail	restrain	wain
foresail	pain	retain	wainscot
frail	paint	romaine	waist
gaiety	parfait	sail	wait
gaily	peneplain	saint	waive
gain	plaise	slain	wraith

12.4 ay in open monosyllables and open stressed syllables of polysyllables in most words, as in pray [preɪ].

affray	decay	jay	paynim
allay	defray	lay	play
always	delay	layette	portray
array	dray	may (M)	pray
assay	essay	maybe	ray
ay	essayist	mayhap	rayon
bay	fay	mayhem	relay
betray	flay	mayonnaise	roundelay
bewray	fray	mayn't	say
bray	gay	mayor	shay
caraway	gayety	mayoralty	slay
*cayenne	gray	midday	splay
clayey	hay	nay	spray
crayfish	holiday	nowadays	stay
crayon	hooray	okay	stray
day	hurray	pay	sway
			today
			tray
			way

12.5 ei in a small group of words, especially before g, gh, gn, n, as in reign [rein].

beige	heigho	neighbor	sleigh
deign	heinous	*obeisance	surveillance
eight	inveigh	reign	veil
feign	inveigle	rein	vein
feint	milreis	seine	weigh
freight	neigh	skein	weight

12.6 ey in monosyllables and stressed polysyllables of a few words, as in grey [grɛɪ].

abeyance	conveyance	obey	survey
bey	grey	prey	they
convey	hey	purvey	they're
		reynard (R)	whey

12.7 e, ee, er, et in final stressed syllables of foreign loan-words, most of which are French. The final r and t are usually silent, as in crochet [krou'ʃɛɪ].

abbe	cliche	guayule	puree
applique	communiqué	habitué	recherche
atelier	consomme	homme	*resume
attache	coupe	lycée	retrousse
autodafe	crochet	*machete	ricochet
ave	croquet	masse	roue
ballet	decollete	matinee	sachet
beret	emigre	melee	saute
blase	entree	*moire	signore
bouquet	fiance	naivete	*sobriquet
*buffet	fiancee	nee	soiree
cabaret	*filet	negligee	souffle
chachet	*fillet	*parquet	*tourniquet
cafe	forte	passe	valet
canape	foyer	protege	
chalet	glace	protegee	

12.8 e in some closed monosyllables and in open stressed syllables of polysyllables. Most of these words are French loan-words and some are also pronounced with [ɛ], as in menu ['menju, 'meinju]. See sections 1.2a and 3.

*carburetor	cretonne	eclair	etude
chefd'oeuvre	debacle	eclat	fete
*cortège	debris	ecru	*machete
*credo	debut	elite	*menu
crepe	decor	eta	mesa

mesdames	seance	shillelagh	ukulele
peso	*senor	suede	*vaquero
*rodeo	*senora	tete-a-tete	zeta
regime	*senorita	thegn	

12.9 ea in five words.

break	*jean	steak	yea
great			

12.10 a in a few words in which the syllables are closed by m and nge, as in change [tʃeɪndʒ], cambric ['keɪmbɪk].

arrange	danger	grange	mangy
cambric	dangerous	hydrangea	strange
chamber	estrangle	mange	stranger
change	exchange	mangy	

12.11 Exceptionally:

<u>a</u>	<u>ae</u>	<u>ao</u>	<u>au</u>	<u>ee</u>
bass (music)	brae	gaol	gauge	steenbok
champagne	maelstrom			
halfpence				
halfpenny				

12.12 The pure vowel [e] is very seldom used in English.¹ It is much more often used as the first element of the diphthong [eɪ]. However, there are a few words in which a lightly stressed [e] becomes reduced to pure [e].

a and occasionally ay in weak]stressed open syllables of polysyllables, as in chaotic [ke'atɪk, ke'vɪk].

<u>a</u> orta	<u>a</u> sexual	chaotic	gr <u>a</u> dation
arch <u>a</u> ism	asymmetry	essayist	nativity
aseptic	chambray	fatality	vacation

¹Claude M. Wise and Lucia Morgan, A Progressive Phonetic Workbook. (St. Louis: John S. Swift, 1948), p. 30.

13. THE SOUND [aɪ]

The spellings of [aɪ] are:

1. i in monosyllables and stressed syllables of polysyllables closed by consonant and final silent e, except as below.
2. I in open stressed syllables of polysyllables, except as below.
3. y and ye in a few open monosyllables.
4. y in monosyllables and stressed syllables of polysyllables closed by consonant and final silent e.
5. y in open stressed syllables of polysyllables.
6. ie in open or closed monosyllables and in inflected verb forms.
7. i before gh and gn in the same syllables.
8. i in a few monosyllables closed by ld, nd, st, mb, nt.
9. ei in a small group of words.
10. ai and ay in foreign loan-words.
11. Exceptional spellings, most of which are in words of foreign origin, buy, guy, choir, geyser, coyote, maestro, mynheer, *tryst.

Note: For other pronunciations of spellings of [aɪ], see:

1. i in syllables closed with consonant and final silent e, sections 1.5a-b.
2. i in syllables not closed by consonant and final silent e, sections 2.1-2.
3. y in syllables not closed by consonant and final silent e, section 2.4.
4. ie, section 1.8.
5. ei, sections 1.7, 2.3, and 12.5.
6. ai, section 4.4, 3.3, and 12.3.
7. ay, section 12.4.

The distribution of [aɪ] in English words is as follows:

1. In open syllables, initially and finally, as in idol ['aɪdɪ], alkali ['ælkəlaɪ].
2. In closed syllables, medially and finally, as in righteous ['raɪtʃəs], arrive [ə'reɪv], proviso [prə'veɪzəv].

Words with [aɪ] are grouped for practice as follows:

13.1a i in monosyllables and stressed syllables of polysyllables closed by consonant and final silent e, as in bite [bart], appetite ['æpetait].

This sound is familiarly known as "long i." Many of the words in this list are verbs having the ending ize. For other pronunciations of words ending in consonant and final silent e, such as brilliantine, see section 1.5a.

abide	beguile	cisalpine	devitalize
acclimatize	beside	cite	dice
aconite	bibliophile	civilize	dike
acquire	bide	clime	dime
admire	bike	coincide	dine
advertise	bile	collide	diorite
advice	bite	colonize	dioxide
advise	blithe	columbine	dire
aedile	*bonafide	combine	disguise
aggrandize	botanize	commercialize	disulfide
agonize	bovine	compile	dive
aline	bribe	comprise	divide
alive	bride	compromise	divine
alkaline	brigantine	concise	dogmatize
alphabetize	brine	concubine	dolomite
alpine	bromide	confide	domicile
amaranthine	brutalize	confine	drive
ammonite	calcimine	connive	dynamite
amortise	calcite	conspire	ebonite
amortize	camomile	contrite	economize
anathematize	canalize	contrive	eglantine
anatomize	canine	cosine	elephantine
anchorite	canonize	crime	emphasize
anesthetize	capitalize	criticize	empire
aniline	carbide	crocodile	emprise
antagonize	carbine	crystalline	*andive
anthracite	carmine	crystallize	endocrine
apologize	catechise	cyanide	energize
apostrophize	catechize	decide	enquire
appetite	cauterize	decline	enterprise
apprise	celandine	demilitarize	entice
aquiline	centralize	demise	entire
arrive	characterize	democratize	epitomize
ascribe	chastise	demoralize	equalize
asinine	chide	deodorize	equine
aspire	chime	deprive	eremite
attire	chine	deride	erudite
authorize	chive	derive	esquire
bakelite	chloride	describe	eulogize
baptize	chrysolite	desire	excoise
barite	circumcise	despise	excite
bauxite	circumscribe	devise	exercise

exile	improvise	mechanize	pipe
exorcise	incarnadine	memorialize	pismire
expedite	incise	memorize	plagiarize
expire	inoite	mercantile	plebescite
extemporize	incline	mercerize	polarize
extradite	indite	merchandize	polite
factorize	individualize	mesmerize	popularize
familiarize	industrialize	meteorite	porcupine
feline	infanticide	mice	precise
fertilize	infantile	mile	prescribe
fife	infantine	mime	preside
file	inquire	mine	price
fine	insecticide	minimize	pride
finite	inspire	mire	prime
fire	internecine	mite	pristine
five	interstice	mobilize	prize
fluorine	invite	modernize	profile
fluorite	iodide	monopolize	proscribe
fossilize	iodine	monoxide	provide
franchise	ionize	moralize	publicize
fraternize	ire	nationalize	pulverize
galvanize	isle	naturalize	quagmire
generalize	italicize	neutralize	quartzite
gentile	itemize	nice	quinine
germicide	jeopardize	nine	quire
gibe	jibe	oblige	quite
glide	juvenile	*oblique	rationalize
graphite	kibe	oolite	realize
grime	kine	opaline	recite
gripe	kite	opine	recognize
guile	knife	organize	reconcile
harmonize	labyrinthine	ostracize	recondite
hematite	legalize	oxide	refine
hermaphrodite	leonine	oxidize	regicide
hide	lewisite	pantomime	regularize
hike	liberalize	paradise	remonetize
hire	lice	parasite	require
hive	life	parrioid	reside
homioide	lignite	particularize	respire
hoplite	lime	pasteurize	retire
humanize	line	pastime	revise
hybridize	lisle	patronize	revive
hydride	lithe	pauperize	revolutionize
hydroxide	live -adj.	penalize	rhinestone
hypnotize	localize	peregrine	rice
ice	lupine	peroxide	ride
idealize	macadamize	perspire	rife
idolize	magnetite	philosophize	rile
ignite	magnetize	phosphide	rime
imbibe	malaohite	pike	ripe
immortalize	maritime	pile	rise
immunize	materialize	pine	rite

rive	socialize	swine	tyrannize
rubberize	solemnize	swipe	umpire
saccharine	soliloquize	sybarite	unionize
sacrifice	specialize	syenite	unite
saline	spice	symbolize	utilize
samite	spike	sympathize	valentine
sapphire	spine	synchroize	vampire
sapphire	spire	synthesize	vaporize
satellite	spiritualize	systematize	vice
satire	spite	systemize	viceroi
satirize	splice	tantalize	victimize
saturnine	sprite	temporize	vide
scandalize	squire	termite	vile
scribe	stabilize	terrorize	vine
scrutinize	stalactite	*textile	vise
senile	stalagmite	theorize	visualize
sensitize	standardize	thine	vitalize
sermonize	sterilize	thrice	vocalize
serpentine	stigmatize	thrive	volatilize
shine	stile	tide	vulcanize
shire	stride	tike	vulgarize
shrike	strife	tile	vulpine
shrine	strike	time	while
shrive	stripe	tire	whine
sibylline	strive	tithe	white
side	sublime	tranquillize	wide
signalize	subscribe	transpire	wife
sine	subside	trephine	wile
sire	subsidize	tribe	wins
site	suffice	trice	wipe
size	suicide	trine	wire
slice	sulphide	tripartite	wise
slide	summarize	tripe	wive
slime	supervise	turbine	woodbine
smile	supine	turpentine	write
smite	surmise	twice	writhe
snipe	surprise	twine	

13.1b When endings such as er, ing are added to words ending in consonant and final silent e, the stem vowel retains its original pronunciations of [aɪ].

abiding	driver	lining	suicidal
admiringly	enliven	liven	swinish
archives	enquiry	miry	tidal
appetizer	filings	ninth	tiling
arrival	gormandizer	piny	united
assizes	grimy	*primer	untiring
besides	inquiry	recital	whilst
bridal	knives	shiny	wily
briny	liner	slimy	wiry
confiding			wives

15.2a 1 in open stressed syllables of polysyllables, as in
silent [ˈsaɪlənt] .

acclimate	bridle	diaper	*echinoderm
acclimatize	bronchitis	diaphanous	*elegiac
affiance	chimaera	diaphragm	environ
albino	chimera	diarrhea	excitability
alibi	chimerical	diary	excitable
alkali	china (C)	diastase	excitation
alliance	chirurgion	diatom	expiry
alumni	chiton	diatonic	fiat
andiron	cider	dicotyledon	fiber
angina pectoris	cipher	didactic	fibril
annihilate	citation	dildo	fibrin
anti	client	dielectric	fibroid
anxiety	clientele	diet	fibrous
appendicitis	climate	dietary	fidelity
appliances	climatic	dietetic	fiery
apriori	climax	dietician	final
arborvitae	compliance	*digest	finality
arthritis	compliant	*digestion	*finance
aspirant	connivance	*digress	*financial
bedizen	contrariety	*digression	*financier
bias	contrivance	dilate	finial
bible (B)	crisis	dilation	finis
bicarbonate	criterion	dilute	finite
biceps	decisive	dilution	flier
bichloride	defiance	dinette	friable
bichromate	denial	dinosaur	Friday
biconvex	derisive	diocesan	fungi
bicuspid	desirability	diocese	gigantic
bicycle	desirable	dioecious	*gladiola
biennial	desirous	diorite	guidance
bilateral	*detritus	dioxide	guide
bilobed	devitalize	*direct	guidon
bimetallic	diabetes	*direction	hegira
bimetallism	diabetic	disciple	hiatus
binary	diabolic	disulfide	hibernate
*binocular	diadem	diurnal	hibernation
binomial	diagnose	*divan	hibiscus
*biographical	diagnostic	dizen	hierarchy
biography	diagonal	*diverge	hieratic
biologic	diagram	*divergence	hieroglyph
biology	diagrammatic	*diverse	hijacker
biotite	dial	*diversification	*hilarious
bipartisan	dialect	*diversity	*hilarity
biped	dialogue	*diversion	hillum
biplane	diamagnetic	*divert	horizon
bisect	diameter	*divest	incisive
bison	diametrical	divisor	incisor
bisulphide	diamond	drier	inebriety
bivalve	diapason	drily	inviolable

involute	nitrous	rhino	triangular
ionization	notoriety	rhinoceros	tribal
irreconcilable	occupier	rifle	tribunal
justifiable	parasitism	riot	triceps
*kinetic	pariah	rival	tricolor
leviathan (L)	parietal	saliva	tricuspid
liability	peritonitis	satiety	tricycle
liable	phi	sciatica	trident
liar	phial	science	triennial
libation	pi	scientific	trier
libel	piety	scion	trifle
librarian	pilot	sidereal	*trio
library	pioneer	sidle	trioxide
license	pious	silage	tripartite
licentious	pipette	silence	tripod
lichen	piracy	silent	trireme
lilac	pirate	silo	triumph
linotype	piratical	simony	triumphal
lion	pliable	simultaneous	triumphant
literati	pliant	sinecure	triumvir
magnifier	primacy	sinus	twilight
maniacal	primal	siphon	undeniable
meningitis	primarily	siren	vagina
miasma	primary	sisal	variety
mica	primate	smilax	versifier
microcosm	primeval	sobriety	via
microbe	primogeniture	society	viaduct
micrometer	primordial	spider	vial
microorganism	prior	spiracle	viand
microphone	priority	spiral	viaticum
microscope	privacy	spirometer	vibrant
microscopic	private	stifle	vibrate
migrant	privation	stimuli	vibration
migrate	proprietary	stipend	vibratory
migration	proprietor	stiver	vicarious
migratory	propriety	striated	viceversa
minor	proviso	strident	viking (V)
minority	pyrites	subsidence	vinous
minus	*quasi	supervisor	viol
minute (small)	quiescence	supervisory	*viola (V)
minutely	quiet	supplier	violate
miser	quietude	*tiara	violation
multiplier	quietus	tiger	violence
nephritis	quinine	tigress	violent
neuritis	rabbi	tiny	violet (V)
niter	radii	tirade	violin
nitrate	*recitative	titanic	viosterol
nitric	reliability	title	viper
nitrogen	reliable	tonsillitis	virago
nitrification	reliance	triad	*virile
nitrogenous	reprisal	trial	virus
nitroglycerin	respiratory	triangle	*visor

vital	vitamin	*vivacious	viviparous
vitality	vituperation	*vivacity	whilom
			zodiacal

13.2b i in initial open stressed syllables in words, as in idle ['aɪdl̩].

I	identify	iodoform	island
iambic	identity	ion	islet
ibex	*ideograph	ionic	isobar
ibid	*ideology	ionize	isogonic
ibis	idle	iota	isolate
icicle	idol	*irascible	isometric
icon	idolatry	irate	isosceles
icy	idolize	iris	isotherm
idea	idyl	iron	isothermal
ideal	idyllic	ironic	item
idealize	ilex	ironical	itinerant
identical	iodide	irony	itinerary
identification	iodine	isinglass	ivory
			ivy

13.3 y and ye in a few open monosyllables, as in cry [kraɪ].

aye	eye	pry	spy
by	fly	rye	sty
bye	fry	shy	thy
cry	lye	sky	try
dry	my	sly	why
dye	ply	spry	wry

13.4 y in monosyllables and stressed syllables of polysyllables closed by consonant and final silent e, as in rhyme [raɪm].

acolyte	cyme	lyre	rhyme
analyse	electrolyte	neophyte	saprophyte
analyze	enzyme	paralyze	scythe
anodyne	formaldehyde	phagocyte	style
archetype	gyve	proselyte	syne
byre	leucocyte	pyre	type

13.5 y in open stressed syllables of polysyllables, as in cyclone ['saɪkloun].

asylum	cycloid	dynamic	*empyrean
carbohydrate	cyclometer	dynamite	*empyrean
cyanide	cyclone	dynamo	*encyclical
cyanogen	cyclopedia	dynast	encyclopedia
cycle	cynosure	dynasty	forsythia
cyclic	cypress	dye	glycogen
cyclist	dryad	dying	gyrate

gyration	hydrometer	hypodermic	pyrites
gyroscope	hydrophobia	hypotenuse	python
hyacinth	hydroscopic	hypothesis	stylus
hyaline	hydrostatic	hypothetical	syenite
hybrid	hydroxide	July	thymus
hybridization	hydroxyl	lyceum	thyroid
hydra	hydrozoan	myopia	tycoon
hydrangea	hyena	papyrus	typhoid
hydrant	hygiene	psyche	typhoon
hydrate	hygienic	psychiatry	typhus
hydraulic	hygienist	psychic	typist
hydride	hygrometer	psychoanalysis	typographical
hydrocarbon	hymen	psychoanalyst	typography
hydrochloric	hymeneal	psychological	tyrannical
hydrocyanic	hymenoptera	psychology	tyrant
hydroelectric	hyperbola	psychopathic	tyro
hydrofluoric	hyperbolic	psychosis	ying
hydrogen	hyperborean	ptyalin	xylem
hydrographic	hyphen	pylon	xylophone
hydroid	hypochondriac	pyorrhea	

13.5b y in the final stressed syllable of some verbs, as in deny [de'naɪ]. See section 18.8 for verbs ending with final y which is unstressed, as in pity, carry, etc.

ally	emulsify	mollify	reply
amplify	espy	mortify	sanctify
apply	exemplify	multiply	satisfy
beatify	falsify	mummify	signify
beautify	forby	mystify	simplify
calcify	fortify	notify	solidify
certify	fructify	occupy	specify
clarify	glorify	ossify	speechify
classify	gratify	pacify	stratify
comply	horrify	personify	stultify
crucify	humidify	petrify	stupefy
defy	identify	prophecy	supply
deify	imply	purify	terrify
deny	indemnify	putrefy	testify
desecrify	intensify	qualify	typify
dignify	liquefy	ramify	unify
diversify	lullaby	rarefy	verify
edify	magnify	ratify	versify
electrify	modify	rectify	vilify
		rely	vivify

13.6 ie in a small group of monosyllables, as in pie [paɪ]; and in inflected forms of verbs and nouns where the final y is changed to ie upon the addition of the inflectional ending, as in cries [kraɪz].

allied	dignified	lie	tried
allies	dried	pie	unidentified
applied	fie	pie	unoccupied
certified	flies	qualified	unsatisfied
countrified	fried	skies	unverified
cried	hie	supplies	vie
die	implied	tie	

13.7 i before silent c, g, gh, and s in the same syllable, as in sign [sain] .

align	design	malign	sigh
assign	dight	might	sight
bedight	ensign	nigh	sign
benign	fight	night	slight
bight	flight	nightingale	sprightly
blight	fortnight	paradigm	thigh
bright	fright	plight	tight
condign	high	resign	tonight
consign	indict	right	twilight
consignee	knight	righteous	viscount
delight	light	sennight	wight
			wright (W)

13.8 i in a few monosyllables closed by ld, nd, nt, mb, as in bind [baɪnd]. For other words with these spellings, see section 2.1.

behind	Christ	hind	pint
bind	climb	*hinder	remind
blind	find	mild	rind
child	grind	mind	wild
			*wind -v.

13.9 ei in a small group of words. For other pronunciations of ei, see sections 1.7, 2.3, and 12.5.

eider	heighho	*neither	sleight
*either	height	seismic	stein
gneiss	kaleidoscope		

13.10 ai and ay in a small group of foreign loan-words, as in shanghai ['ʃæŋhɑɪ]. For most words with ai and ay, see sections 4.4, 3.3, 12.3-4.

aisle	cayenne	naiad	samurai
bayou	kaiser (K)	papaya	shanghai (S)

13.11 Exceptionally:

<u>uy</u>	<u>oi</u>	<u>ey</u>	<u>oy</u>	<u>y</u>	<u>ae</u>
buy	choir	geyser	coyote	mynheer	maestro
guy				*tryst	

14. THE SOUNDS [ou] and [o]

The spellings of [ou] are:

1. o in monosyllables and stressed syllables of polysyllables closed by consonant and final silent e, except as below.
2. o in open stressed syllables.
3. o in closed stressed syllables, except as below.
4. oa wherever found, except in broad and before r in a few words.
5. ow in a few words.
6. o before r, except as below.
7. ou in a few words.
8. eau in final syllables of French loan-words.
9. oe in a small group of words.
10. au in a small group of French loan-words.
11. o before final silent s and t in French loan-words.
12. Exceptionally in *brooch, sew, and yeoman.

The spellings of [o] are:

13. o in unstressed syllables, except as below.
14. ow in unstressed final syllables.

Note: For other pronunciations of spellings of [ou] and [o], see:

1. o in a few words with stressed syllables closed by consonant and final silent e, sections 8.3 and 10.3.
2. o in closed syllables, sections 5.1 and 6.5.
3. oa followed by r, section 6.7.
4. ow, section 15.2.
5. o before r, sections 6.1 and 11.7.
6. eau, section 9.8.
7. au, section 6.2.
8. o in unstressed syllables, sections 17.4 and 18.3.

The distribution of [ou] and [o] in English words is as follows:

1. In open syllables, initially and finally, as in open ['oupen], below [be'lou, bi'lou], obey [o'bei], mellow ['meɪlo].

2. In closed syllables, medially and finally, as in
*postilion [pous'tɪljən], envelope ['enveləʊp],
apportion [ə'pɔːrʃən, ə'pɒʃən, ə'pɔːrʃən].
 [o] does not occur in closed syllables.

Words with [ou] and [o] are grouped for practice as follows:

14.1a o in monosyllables and final stressed syllables of polysyllables closed by consonant and final silent e as in hope [həʊp]. See sections 8.3 and 10.3 for a few words which are not pronounced with [ou] although they end in final silent e.

abode	condole	forebode	monotone
adipose	condone	froze	mope
airdrome	cone	globe	morose
alove	connote	gloze	mote
alone	console	glucose	node
anecdote	convoke	gnome	nose
anode	cope	grandiose	note
antidote	corrode	grope	ode
artichoke	cote	grove	ope
aureole	cove	heliotrope	oppose
baritone	coyote	hippodrome	oricle
baroque	creole (C)	hole	ozone
behave	creosote	home	parole
bellicose	crone	hone	periscope
bode	cyclone	hope	petiole
bole	decompose	hormone	phone
bone	demote	horoscope	poke
brogue	depose	hose	pole
broke	devote	hove	pome
cajole	diagnose	impose	pone
camisole	doge	intone	pope (P)
casserole	dole	invoke	pose
cathode	dome	jocose	postpone
cellulose	dope	joke	probe
chaperone	dose	juxtapose	promote
choke	dote	kaleidoscope	prone
chose	dove -v.	lactose	propose
chrome	dovecote	levulose	prose
chromosome	doze	lobe	provoke
cicerone	drone	lode	quote
close	drove	lone	remote
clothe	electrode	lope	repose
code	elope	mangrove	revoke
coke	envelope	metamorphose	rigmarole
cole	episode	metronome	robe
comatose	escarole	microbe	rode
commode	evokes	microscope	rogue
compose	explode	mode	role
compote	expose	mole	Rome

rope	spoke	telephone	trove
rose	*stanhope	telescope	unclothe
rote	stoke	thole	vacuole
rove	stole	those	verbose
seene	stone	throne	vogue
scope	stove	throve	vole
shone	strode	tome	vote
slope	stroke	tone	whole
smoke	strove	toque	woke
smote	suorose	tote	wove
sole	suppose	trombone	wrote
speetroscope	tadpole	trope	yoke
			zone

14.1b When endings are added to words closed by consonant and final silent e, the o retains the [ou] sound, as in dosage ['dousɪdʒ].

bilobed	coping	foreboding	opposable
bony	disposable	inconsolable	popish
clothier	dosage	interloper	tonal
clothing	dotage	jokingly	wholly
consolingly	doting	modal	

14.2a o in open stressed syllables of polysyllables, as in noble ['noubəl].

*abdomen	begonia	cloture	cohort
acidosis	benzoin	cloven	coincide
acrimonious	binomial	clover	coleus
acrimony	boa	coadjutor	collodion
adobe	bogey	coalesce	colloquial
aeolian	bogie	coalescence	colon
alimony	bogle	coalition	colonial
aloha	bogus	cobalt	coma
ambrosia	bonafide	cobra	comatose
ammonia	bonus	cocaine	commodious
ammoniac	bosun	coco	commotion
anchovy	bovine	cocoa	component
antimony	braggadocio	coconut	composure
apologia	bromide	codex	condolence
*apothecosis	bromine	*codification	*coney
appropriate	cereemonial	coed	*conifer
applier	cereemony	coeducational	*coniferous
aroma	chalcedony	coefficient	cony
associate	chosen	coexist	copious
association	chronic	coexistence	coquetry
atrocious	chromium	coexistensive	cornucopia
automobile	chromo	coagency	corona
automobilist	chromosome	cogent	*coronal
automotive	cinchona	cognomen	corrosion
baronial	closure	coheir	corrosive

eosine	gnomon	mimosa	odoriferous
eosy	go	misnomer	ogle
coterie	goby	moa	ogre
seworker	*gonad	mobile	oho
cozy	gopher	mobilization	okay
crocus	grocer	mobilize	okra
crosier	halitosis	modish	oleander
croton	harmonious	modus	oleo
crozier	*hegemony	*mogul	omen
custodian	hemoglobin	mohair	onus
demoniac	ho	molar	onyx
deodorant	hocuspocus	*molestation	oolite
deodorize	hokum	moment	opal
deponent	holy (H)	monad	open
devotion	homeopathic	monism	opiate
diagnosis	homo	moron	opium
diploma	homogeneous	motile	opponent
diplomacy	hosiery	motion	opprobrious
diplomatist	hydrophobia	motivate	opprobrium
disclosure	hydrozoan	motive	opus
dissociate	hypnosis	motor	osier
dissociation	iodoform	myopia	osmosis
dolor	iota	napoleon (N)	oval
dolorous	imbroglio	necrosis	ovary
domesticity	inchmate	negotiable	ovate
domine	inclosure	negotiate	over
donate	jerboa	negotiation	overt
donative	jovial	neurosis	overture
donor	kimono	no	overwhelm
dotard	kodak	noble	ovipositor
emotion	krona	nobody	ovoid
encomium	linoleum	noel (N)	ovule
ennoble	lo	nomad	ovum
erosion	local	nomenclature	oyez
erroneous	localize	*nonage	ozone
eulogium	locate	notable	padrone
explosion	locomotion	notary	pagoda
explosive	locomotive	notice	paleozoic
exponent	locus	notification	pandemonium
exposure	locust	notify	pangolin
factotum	loess	notion	parochial
felonious	loganberry	notoriety	parsimonious
ferocious	lotion	notre	parsimony
focal	lotos	oboe	patrimony
focus	lotus	ocean	pedagogical
fogy	macaroni	oceanic	petroleum
foliage	magnolia	*ocelot	phonograph
folio	majordomo	ocher	phony
fomentation	matrimony	ochre	photo
fio	mediocre	October	photograph
froward	melodeon	odious	photoelectric
*gladiola	melodious	odor	photoplay

*plover	prolix	rotary	stoicism
pneumonia	prologue	rotate	stolon
poem	prolongation	rotatory	stoma
poesy	promiscuity	rotogravure	stomata
post	promotion	rowan	strophe
postaster	promulgation	sacerdotal	symposium
poetry	pronoun	sanctimonious	tapioca
polar	*prophylactic	scholiast	testimony
polarize	proponent	scopolamine	theologian
Polish	proposal	shōgun	tho
polo	proslavery	slogan	thorax
pomade	prosy	so	toga
pony	protege	sober	token
posy	proteid	sobriquet	topaz
potation	protein	sociability	total
potency	protest -n.	sociable	totem
potent	protocol	social	trachoma
potentate	protoplasm	socialization	trochee
portion	prototype	socialize	trophy
precocious	protozoan	sociological	tuberculosis
pro	provost	sociology	utopia (U)
probate	psychosis	soda	ventriloquial
probity	ptomaine	sojourn	victrola
proceeds	quota	solar	*viola (V)
proconsul	quotient	solo	virtuoso
procreant	rhodium	*solute	vocal
procreation	rhododendron	soma	volant
productivity	rococo	soporific	votary
proem	rodent	sodium	votive
professorial	*rodeo	sofa	woful
profile	rolypoly	soviet (S)	yodel
program	Roman	spermatozoon	yogi
prohibition	rosary	spoliation	zodiac
proletarian	roseate	stoa	zoological
		stoic	zoology

14.2b When a polysyllable ends in o or ow, the ending most frequently is pronounced with the full diphthongal sound.¹ However, many speakers use a pure [o] instead of the diphthong, and in many cases, very familiar words become unstressed as far as [ə]. Such words as arrow, pillow, etc. may be pronounced with [ə], especially if an ending is added, as in arrowy.

In the list below, [ou] is usually used, as in cameo ['kæmiou].

¹ Thorlief Larsen and Francis C. Walker, Pronunciation, a Practical Guide to American Standards. (New York: Oxford University Press, 1930), p. 72.

adagio	duello	jingo	pseudo
akimbo	duo	jumbo	pueblo
albino	duodecimo	junto	punchinello
alto	dynamo	largo	punctilio
amino	echo	lasso	quarto
archipelago	ego	lazaretto	radio
armadillo	electro	libretto	ratio
arroyo	embargo	limbo	rhino
audio	embryo	lingo	rococo
auto	ergo	llano	rodeo
aveoado	falsetto	lumbago	rondo
bambino	fandango	maestro	sago
banjo	faro	magneto	salvo
basso	farrago	majordomo	scenario
bastinado	fiasco	mango	seraglio
bolero	flamingo	manifesto	silo
braggadocio	folio	maraschino	sirocco
bravado	fresco	memento	solo
bravo	gecko	merino	sombrero
broncho	generalissimo	mestizo	soprano
bronco	ghetto	mikado (M)	staccato
buffalo	gingko	morocco (M)	stiletto
burro	grotto	motto	stuoco
burrow	guanaco	mulatto	studio
caballero	guano	Negro	tabasco
cacao	gumbo	nuncio	tango
calico	gusto	octavo	taro
cameo	hallo	oleo	tempo
canto	halo	oratorio	tornado
casino	heighho	palmetto	torpedo
cello	hello	patio	torso
centavo	hero	peccadillo	tremolo
chiaroscuro	hidalgo	peso	trio
chromo	hobo	photo	tuxedo
concerto	hollo	pianissimo	tyro
contralto	homò	piccolo	vaquero
credo	hullo	pimento	vertigo
crescendo	imago	pistachio	veto
curio	imbroglia	plumbago	virago
dado	impresario	polo	vireo
desperado	incognito	poncho	virtuoso
dido	indigo	portico	volcano
diminuendo	inferno	presto	zero
ditto	innuendo	pronunciamento	
domino	intaglio	provise	

14.2c In the following list, the final o or ow may be pronounced [ou], [o], or [ə].

arrow	bellow	burrow	farrow
arrowy	billow	callow	fellow
barrow	borrow	fallow	follow

furrow	mellow	sallow	tomorrow
gallows	minnow	shadow	wallow
hallow	morrow	shallow	widow
harrow	mosquito	sorrow	willow
hollow	narrow	sparrow	window
mallow	piano	swallow	winnow
marrow	pillow	tallow	yarrow
meadow	potato	tobacco	yellow

14.3 o in a group of closed monosyllables and stressed syllables of polysyllables. Most of these syllables are closed by ld, lt, ll, m, n, and st. For other pronunciations of words with these spellings, see sections 5.1 and 6.5.

almost	dolt	marigold	scroll
behold	don't	matzoth	*sloth
beholden	droll	*menthol	smolder
*benzol	embolden	mold	*sol
*betroth	extol	molt	sold
bold	fold	most	soldier
boll	folk	ohm	stroll
bolster	frijol	old	swollen
bolt	ghost	only	swoln
both	gold	patrol	threshold
cantonment	gross	*phenol	told
catacomb	*hecatomb	polka	toll
chaperon	hold	poll	*toluol
*cholesterol	holm	post	troll
cognac	holster	postal	*troth
cold	host	*postern	upholsterer
cologne	imposter	*postilion	*viosterol
colt	jolt	postpone	volt
comb	knoll	quoth	wold
comptroller	kohlrabi	revolt	*wont
control	loth	roll	won't
*cresol	manifold	scold	yolk

14.4 oa, except before r and in the word broad, is always [ou], as in coat [kout].

approach	croak	hoax	oat
bloat	doat	loach	oath
boast	encroach	load	poach
boat	float	loaf	reproach
boatswain	foal	loam	roach
broach	foam	loan	road
cloak	gloaming	loath	roam
coach	gloat	loathe	roan
coal	goad	loaves	roast
coast	goal	moan	shoal
coat	goat	moat	soak
coax	groan	oaf	soap
cocoa	groat	oak	stoat

throat	toad	toast	whoa
			woad

14.5 ow in some monosyllables and stressed syllables of polysyllables, as in crow [krou], boulder ['bouldə, 'bouldə]. For ow in final syllables of polysyllables, see section 14.2c.

below	crow	know	rower
bestow	elbow	knowable	show
blow	flow	low	slow
*bow	flown	*lower	*sow
bowie	furbelow	*mow	sown
bowl	glow	mower	stow
boulder	grow	mowing	throw
*bowman	grown	owe	tow
*bowsprit	growth	own	*toward
bungalow	jowl	*row	trow

14.6a o before r, either final in a syllable or before another consonant, as in port [pourt, poet], core [kour, koə].

Various pronunciations of o before r have already been discussed in section 5.7 and 6.1. In the list below, o before r may vary between [ou] or [ɔ], according to regional preference. S generally uses [ou] while GA and E may use either.²

Before r, there is a historical distinction between [ɔ] and [o] which has been maintained in some parts of the English-speaking world, but lost in others. Those who maintain the distinction pronounce horse as [hors], [hoes], or [ho:s], and hoarse as [hours], [hoes], or [ho:s]. Similar distinctions may be made between morning, with [ɔ] and mourning, with [ou]; between sort, with [ɔ] and pert, with [ou].

. . . [ɔ] and [ou] are almost universally distinguished in the South, along the upper New England coast, and in the middle Atlantic coastal area south of central New Jersey, and to a lesser extent in the General American area.³

admonitory	amatory	armorial	before
adorable	ambassadorial	auditorium	borax
adore	ambulatory	auditory	bore
afford	anticipatory	aurora (A)	boreal
afore	apportion	auroral	boric
allegory	arboreal	battledore	borne

² Kurath, Linguistic Atlas, pp. 54, 404.

³ Thomas, Phonetics of American English, pp. 84-85.

boron	exclamatory	foresaw	notorious
category	excoriate	foresee	nugatory
censorious	excretory	foreshadow	obligatory
chitral	explanatory	foreshorten	observatory
chlorate	exploratory	foresight	oracular
chloride	explore	forestall	oral
chlorine	export	foretell	orate
chloroform	exportation	foreword	oratorio
chlorophyll	feudatory	forge	oratory
choral	fjord	fort	ore
*chorale	fjord	forte	oread
chore	flora (F)	forth	oriel
chorus	Florence	forum	orient (O)
circulatory	florin	galore	oriental (O)
commodore	florist	gladiatorial	orientation
compensatory	force	gloria (G)	oriole
comport	forcible	glorification	oryx
conciliatory	ford (F)	glorify	peremptory
confirmatory	fore	glorious	phantasmagoria
confiscatory	forearm	glory	phosphorous
congratulatory	forebode	gore	pictorial
conservatory	forebore	gory	pinafore
consolatory	forecast	gustatory	porcelain
core	forecastle	historian	porch
coriander	foreclosure	horde	pore
corporeal	foredoom	hydrochloric	pork
corps	forefather	hyperborean	porous
declamatory	forefend	ignore	port
declaratory	forefinger	implore	portal
decorous	forefoot	importation	portend
decorum	forefront	inflammatory	portent
dedicatory	foregather	inquisitorial	portico
defamatory	forego	interlocutory	portiere
depilatory	foregone	interrogatory	portion
deplorable	foreground	inventory	portrait
deplore	forehead	laboratory	portraiture
deport	forehand	laborious	portray
deportation	forehanded	laudatory	portulaca
depository	foreknow	lavatory	praetorian
deprecatory	foreknowledge	lore	predatory
derogatory	foreland	mandatory	prefatory
desultory	foreleg	manorial	premonitory
dictatorial	forelock	marmoreal	preparatory
dilatory	foreman	matador	proctorial
divorce	foremost	memorial	prohibitory
dormitory	forenoon	meritorious	promissory
dory	foreordain	migratory	promontory
editorial	forepart	moidore	propitiatory
efflorescence	forepaw	morality	proportion
emporium	forequarter	moratorium	purgatory
encore	forerun	more	purport
equatorial	foresail	morion	quorum

rapport	semaphore	sport	territory
reformatory	senatorial	statutory	tore
repertory	senora	stentorian	torn
report	shore	stevedore	tory (T)
respiratory	shorn	storage	transitory
restorative	signatory	store	transport
restore	signor	story	undulatory
retaliatory	snore	support	vibratory
rotatory	sonorous	suppository	victoria (V)
sanatorium	sophomore	sword	whore
sartorial	sore	swore	wore
score	spoor	sworn	worn
scoria	spore	sycamore	yore

14.6b ou before r, either finally or before another consonant in a few words, shows the variation between [ɔ] and [ou], as in course [koəs, kɔrs].⁴ oo in door and floor also belong in this group.

ourn	court	floor	*pompadour
bourne	*courtesan	four	pour
concourse	courtier	gourd	resource
course	door	mourn	source
		mourning	*troubadour

14.7 ou in monosyllables and stressed syllables of polysyllables closed by ld, lt, and gh in a few words, as in boulder ['bouldə, bouldə].

boulder	coulter	moult	shoulder
bouquet	dough	poulterer	smoulder
brougham	doughnut	poultice	soul
cantaloupe	furlough	poultry	though
	mould		

14.8 eau and eaux in French loan-words, as in beau [bou].

bandeau	chateau	flambeau	rondeau
beau	eau	plateau	tableaux
beaux	bureau	portmanteau	tonneau
			trousseau

14.9 oe in open monosyllables and stressed syllables of a few polysyllables, as in doe [dou]. See section 8.4 for oe in shoe and section 10.3 for oe in does.

aloes	floe	hoe	sloe
doe	foe	*oboe	throe
felloe	goes	roe	toe
			woe

⁴ Hans Kurath, "Mourning and Morning." Studies for William A. Read. (Baton Rouge: Louisiana State University Press, 1940), pp. 166-173.

14.10 au in closed monosyllables and stressed syllables of polysyllables in words of French origin, as in mauve [mouv].

*bauxite	faubourg	mauve	sauterne
chauffeur	gauche	saute	taupe
			*vaudeville

14.11 o before final silent s and t in words of French origin, as in picot ['pikou].

apropos	grosbeak	mot	sabot
depot	jabot	picot	tricot

14.12 Exceptionally:

<u>oo</u>	<u>ew</u>	<u>eo</u>
*brooch	sew	yeoman
	*sewer	
	sewing	

Words with [o] are grouped for practice as follows:

14.13 Pure [o] is very seldom used in English. It is usually found as the first element of the diphthong [ou]. However, in some words where o appears in a lightly stressed open syllable, the pure [o] is used instead of the diphthong.

It may be initial, as in obey [o'ber], or medial, as in peroration [pero'reiʃən]. For [o] in final syllables, see section 14.20.

angiosperm	coadjutor	coquettish
annotate	coagulate	crochet
anthropomorphic	coagulation	croquet
anthropomorphosis	cocaine	croquette
arteriosclerosis	coerce	docility
autodafe	coercive	domain
autointoxication	coeval	donation
benzoate	cohere	electromagnet
benzoin	coherence	electromagnetism
bolero	cohesion	electromotive
bonanza	cohesive	endocrine
bopeep (B)	coincidence	endosperm
boracic	coincident	endothelial
botanic	coincidental	evocation
brocade	collocation	flotation
carbohydrate	cooperate	flotilla
*chorale	cooperation	foment -v.
chorea	cooperative	foraminifera
chromatic	coordinate	foray
circumlocution	*coquetry	grotesque
cloaca	coquette	homologous

hosanna (H)	morality	oracular	quotation
hotel	morass	orang	robust
hydrocarbon	morose	orate	*rodeo
hydrocyanic	mōsaic	oration	rōgation
hydroelectric	motif	ovarian	romaine
hydrofluoric	nobility	ovation	romaunt
inchōate	noblesse	peroration	rosette
incoherence	noel (N)	phonetic	rotund
intonation	nomadic	photoelectric	rotunda
locale	notation	postic	sacrosanct
locality	nōtorious	polarity	saprophyte
locate	November	polemic	sojourn
location	novitiate	polenta	sporadic
locution	oasis	pomatum	sporangia
logician	obedience	porosity	thermoelectric
loquacious	obedient	probation	thoracic
loquacity	obeisance	prōboscis	totality
mezzotint	obese	prōcrastination	vasomotor
microorganism	obey	prōcurable	vocation
mobility	obesity	prosaic	vōciferation
modiste	obituary	proscribe	vōciferous
modernity	oho	proscription	vōlition
*mogul	ōmega	prōtagonist	vōracious
momentous	omission	prōtuberance	voracity
monition	omit	*provost	zodiacal
mōraine	opaque	psychoanalysis	
morale	opine	psychoanalyst	

14.14 eau and au become unstressed to pure [o] in these words.

*bureaucrat

*chauffeur

hauteur

15. THE SOUND [au]

The spellings of [au] are:

1. ou, except as below.
2. ow, except as below.
3. au in German loan-words.
4. Exceptionally in accompt.

Note: For other pronunciations of spellings of [au], see:

1. ou before r, sections 11.5 and 14.6b.
2. ou before consonants other than r, sections 6.6 and 10.4.
3. ow, section 14.5.
4. au, sections 6.2 and 5.6.

The distribution of [au] in English words is as follows:

1. In open syllables, finally only, as in allow [ə'laʊ].
2. In closed syllables, initially and finally, as in outrageous [aʊ'treɪdʒəs], profound [prə'faʊnd].

Words with [au] are grouped for practice as follows:

15.1 ou in closed monosyllables and closed stressed syllables of polysyllables, as in bound [baʊnd], account [ə'kaʊnt]. This list includes a few words in which the syllables are closed by r or gh. For other pronunciations of ou before these consonants, see section 6.6, 10.4, and 11.5.

about	bout	county	flounce
account	carousal	crouch	flounder
accountancy	catamount	decompound	flour
accountant	cloud	denounce	flout
amount	*clough	devour	foul
announce	compound	devout	found
astound	confound	doubt	foundation
blouse	couch	doughty	fount
bough	council	*dour	fountain
bounce	counsel	douse	giaour
bound	count	drought	gouge
boundary	countenance	drouth	gout
bounteous	counterfeit	esposal	grouch
bountiful	countermand	espouse	ground
bounty	counterpane	expound	grouse

grout	noun	round	souwester
hound	ouch	rouse	spouse
hour	ounce	<u>roustabout</u>	spout
hourl	our	rout	strout
house	oust	*route	stout
housing	out	scoundrel	surround
jounce	<u>outrageous</u>	scour	swound
*joust	<u>plough</u>	scout	thou
loud	pouch	shout	thousand
lounge	pounce	shroud	tousle
lour	pound	slouch	tout
louse	pout	*slough	trounce
lout	profound	snout	trousers
mound	pronoun	sough	trout
mount	pronounce	sound	unwound
mountain	proud	sour	viscount
mountebank	redound	souse	vouch
mouse	renounce	south	vrouw
mouth	resound	southward	wound-pp. wind

15.2 ow in open and closed monosyllables and stressed syllables of polysyllables, as in cow [kau], renown [re'naun, ri'naun]. With the exception of the few words listed in section 14.5, ow is always pronounced [au].

allow	cowl	gown	*row
avowal	cowrie	growl	rowan
avowedly	crowd	how	rowel
*bow	crown	howdah	rowdy
bowel	dowager	howitzer	scow
*bower	dowdy	howl	scowl
bowery	dowel	jowl	shower
*bowman	dower	*lower	showery
*bowsprit	down	*mow	*sow
brow	dowry	now	towel
brown	drown	nowadays	*tower
browse	drowse	owl	town
cauliflower	endow	plow	trowel
chow	flower	powder	vow
chowder	flowery	power	vowel
clown	fowl	powwow	wow
cow	frown	prow	yowl
coward	frowzy	prowl	
cower	glower	renown	

15.3 au in a few German loan-words.

frau	<u>hausfrau</u>	landau	<u>sauerkraut</u>
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15.4 Exceptionally in accompt.

16. THE SOUND [ɔɪ]

The spellings of [ɔɪ] are:

1. oi in stressed syllables, except as below.
2. oy in stressed syllables wherever found.
3. Exceptionally in *oboe.

Note: For other pronunciations of spellings of [ɔɪ], see:

1. oi in stressed syllables of French words, section 5.10.

The distribution of [ɔɪ] in English words is as follows:

1. In open syllables, medially and finally, as in loiter ['lɔɪtə, 'lɔɪtə], convoy ['kanvɔɪ, 'kɒnvɔɪ].
2. In closed syllables, initially and finally, as in ointment ['ɔɪntment], celluloid ['seljələɪd].

Words with [ɔɪ] are grouped for practice as follows:

16.1 oi in stressed syllables wherever found, except in a few French loan-words in section 5.10.

adenoids	coign	jointure	poise
adjoin	coil	joist	poison
adroit	coin	loin	purloin
alkaloid	colloid	loiter	quoit
ameboid	colloidal	metalloid	reconnoiter
aneroid	conjoin	moidore	rejoice
anoint	cycloid	moiety	roister
anthropoid	coily	moil	sequoia
appoint	coit	moist	soil
asteroid	ellipsoid	moisten	spheroid
avoid	embroider	moisture	spoil
avoirdu <u>pois</u>	exploit	noise	thyroid
boil	exploitation	noisome	toil
boisterous	fibroid	octroi	toilet
broider	foible	oil	toilette
broil	foil	ointment	trapezoid
celluloid	foist	ovoid	trefoil
choice	groin	parboil	turmoil
cinq <u>ue</u> foil	hoist	poignancy	turquoise
cloister	hydroid	poignant	typhoid
cloistral	join	poinsettia	voice
coif	joint	point	void
			voile

16.2 oy in stressed syllables wherever found, except in the word coyote.

ahoy	corduroy	enjoy	loyal
alloy	coy	envoy	oyster
annoy	decoy	flamboyant	royal
arroyo	deploy	foyer	savoy
boy	destroy	gargoyle	soy
clairvoyant	employ	hoyden	toy
cloy	employees	joy	troy (T)
convoy	employer	joyance	viceroy
		joyous	voyage

16.3 Exceptionally in *oboe.

17. THE SOUNDS [ə] and [ɜ]¹

The spellings of [ə] and [ɜ] are:

1. ar in unstressed syllables, either final or before another consonant.
2. er in unstressed syllables, either final or before another consonant.
3. ir in unstressed syllables, either final or before another consonant.
4. or in unstressed syllables, either final or before another consonant.
5. our in unstressed syllables, either final or before another consonant.
6. ur in unstressed syllables, either final or before another consonant, except as below.
7. ure in unstressed syllables, either final or before another consonant, except as below.
8. re in unstressed syllables, either final or before another consonant.
9. yr in unstressed syllables, either final or before another consonant.
10. eur in unstressed syllables, either final or before another consonant.
11. oar in unstressed syllables of a few words.

Note: For other pronunciations of spellings of [ə] and [ɜ], see:

1. ur and ure in unstressed syllables, section 9.10.

The distribution of [ə] and [ɜ] in English words is as follows:

1. In closed syllables, medially and finally, as in appertain [æpə'teɪn, æpɜ'teɪn], visor ['vaɪzə, 'vaɪzɜ].

¹ The [ɜ] here refers to the sound used by S and E speakers who do not pronounce the r in final position or when it occurs before a consonant. The [ə] which is used by all speakers in unstressed syllables when not spelled with r will be discussed in section 18.

Words with [ɜ] and [ə] are grouped for practice as follows:

17.1 [ɜ] is used by GA speakers and [ə] by S and E speakers, or any who "drop their r's." [ɜ] is used, therefore, to indicate the r-coloring of the vowel. These sounds always occur in unstressed syllables, regardless of which one is used.

ar in unstressed syllables, either finally or before another consonant, as in lunar ['lunɜ, 'lunə], partake [pɜ'teɪk, pə'teɪk].

afterward	dullard	lunar	poplar
altar	earthward	mallard	popular
alveolar	eastward	medlar	rampart
anarchist	exemplar	milliard	rearward
angular	familiar	molar	rectangular
annular	fibular	molecular	regular
attar	forward	monarch	repartee
auricular	froward	mortar	reynard (R)
awkward	gabardine	muscular	Richard
backward	galliard	mustard	scabbard
bastard	gizzard	nebular	scapular
beggar	glandular	nectar	scholar
billiards	globular	niggard	scimitar
binocular	grammar	northward	seaward
*blackguard	granular	nuclear	secular
blizzard	haggard	ocular	shoreward
braggart	halyard	onward	similar
burglar	hangar	oracular	singular
bustard	hazard	orbicular	skyward
buzzard	heavenward	orchard	sluggard
calendar	hitherward	outward	solar
caterpillar	homeward	partake	southward
cedar	insular	participate	spectacular
cellar	inward	participation	specular
cellular	jeopard	<u>particular</u>	stalwart
circular	jeopardy	partition	standard
dollar	jocular	partook	standardize
columnar	jugular	peculiar	steelyard
consular	laggard	peddler	stellar
costard	landward	pedlar	steward
cougar	lascar	peninsular	sugar
coward	lazar	perpendicular	tabard
custard	leeward	philharmonic	tabular
dastard	leopard	pillar	tankard
dollar	liar	placard	tartar
dotard	linear	polar	tentacular
downward	lizard	pollard	thitherward
drunkard	lumbar	poniard	titular

triangular	upward	vicar	wayward
tripartite	vascular	vinegar	westward
tubercular	vehicular	vineyard	windward
tubular	vernacular	vizard	wizard
tutelar	vestibular	vulgar	

17.2 er in unstressed syllables, either final or before another consonant, as in energetic [ɛnə'dʒetɪk, ɛnə'dʒetɪk], faker ['feɪkə, feɪkə].

accouter	attainder	bleachers	brother
accuser	auger	blindens	buckler
adder	avenger	blinkers	buffer
adjuster	babblers	blister	bugler
administer	backer	bloomer	builder
admirer	badger	bloomers	bumper
adversary	baker	blotter	bungler
advertiser	baluster	blower	bunker
*advertisement	banderman	blubber	burgher
adviser	banister	blucher	burner
aether	banker	blunder	burrower
after	banner	bluster	buster
alabaster	banter	boarder	butcher
alder	barber	boaster	butler
allergy	barker	boiler	butter
almoner	barometer	bolster	buyer
alter	barrier	bomber	buzzer
altercation	barrister	booster	calender
alternate	barter	bootlegger	caliber
altimeter	batter	border	calipers
amber	beaker	borer	caller
ambergris	bearer	borrower	calorimeter
amplifier	beater	bother	campaigner
anger	beautiflier	boulder	camper
angler	beaver	bouncer	cancer
announcer	beginner	bounder	canister
answer	beleaguer	bower	canker
anther	believer	bowlder	canner
antler	bencher	boxer	cantilever
aperture	bender	brawler	canvasser
appertain	beseiger	brazier	caper
appetizer	betrayor	breaker	carpenter
appraiser	better	breather	carrier
arbiter	bewilder	breeder	carter (C)
archer	bicker	brewer	carver
artifioer	bidder	brier	caster
ascertain	binder	bringer	catcher
astrologer	biographer	broider	cater
astronomer	bitter	broiler	caterpillar
asunder	bladder	broker	caterwaul
atomizer	blazer	brooder	cauliflower

causer	coiner	counterpane	defender
cavern	colander	courier	deliver
censer	collier	courser	delver
center	comber	courtier	desert -n.
centimeter	comer	covenanter	deserter
*certification	comforter	cover	designer
chafer	commander	covert	despiser
challenger	*commerce	cower	despoiler
chamber	commissioner	coworker	destroyer
chamfer	commoner	cracker	developer
chandler	commuter	crater	devourer
chapter	compiler	creamer	dexter (D)
character	composer	creeper	diameter
charger	comptroller	cricketer	diaper
charmer	*concert	crier	dicker
charter	condenser	crooner	differ
chaser	confectioner	cropper	digger
chatter	congener	crosier	diner
cheater	conger	croupier	dinner
checker	conifer	crozier	dipper
chesterfield (C)	conquer	cruiser	disaster
chipper	conservation	cruller	disclaimer
choker	consider	crupper	discover
choler	consternation	crusader	dispatcher
chopper	consumer	cucumber	dispenser
chorister	container	culvert	disposer
chowder	contriver	cumber	dissembler
chronicler	controller	customer	dissenter
chronometer	conversant	cutler	dissertation
elder	conversation	cutter	distiller
cinder	converter	cyclometer	disturber
cipher	conveyancer	cylinder	diver
eistern	conveyer	dagger	dividers
elamber	cooker	dampier	diviner
elapper	cooler	dancer	dodder
elatter	cooper (C)	dander	dodger
eleanor	cooper	danger	doer
cleaver	coriander	dangler	dogger
clever	corner	dapper	dormer
climber	coroner	darker	dowager
clinker	corrupter	darter	dower
clipper	coaster	dasher	drainer
cloister	coastermonger	dauber	draper
clothier	costumer	daughter	drawer
clover	costumier	dealer	dreamer
cluster	cottager	debater	dresser
clutter	cotter	decanter	drier
coaster	coulter	deceiver	driller
cobbler	counter	December	drinker
cocker	counterfeit	decimeter	driveler
codger	counterfeiter	declaimer	driver
coffer	countermand	defaulter	drover

drummer	exporter	flower	girder
dryer	expounder	fluster	glacier
duffer	extinguisher	flutter	gleaner
dulcimer	extortioner	flyer	glider
duster	faker	fodder	glimmer
dweller	falconer	folder	glister
dyer	falter	follower	glitter
eager	fancier	forager	glower
easterly	farmer	forecaster	gobbler
eastern	farrier	foreigner	gopher
eater	father	forequarter	gormandizer
effervesce	fastener	forester	gossamer
effervescence	father	forever	govern
elder	feather	forgather	governor
either	feeder	forger	grafter
elder	feeler	former	grater
electrometer	feller	foster	graver
embalmer	fencer	founder	greaser
ember	fender	fowler	grinder
embitter	ferment -v.	foyer	grocer
embroider	fertility	framer	grower
employer	fertilizer	frankfurter	grumbler
enchanter	fester	fraternize	grunter
encounter	fever	freezer	guilder
encumber	fibber	freighter	gunner
endanger	fiber	fritter	gusher
energetic	fiddler	fuller	gutter
energize	fielder	furrier	haberdasher
energy	fighter	further	halberd
enervate -v.	filbert	gaffer	halbert
engender	filer	gainer	halter
engraver	filibuster	gaiter	hamburger
enter	filler	galloper	hammer
enterprise	filter	galvanometer	hamper
entertain	finder	gambler	handkerchief
entertainer	finisher	gamester	hanger
eraser	fisher	gander	hanker
Easter	fishmonger	gangster	harbinger
ester	fitter	gaoler	harper (H)
ether	fiver	gardener	harrier
ever	flabbergast	garner	harvester
ewer	flapper	garter	hater
exacerbate	flatter	gather	hatter
examiner	fleur	gazer	haversack
exchequer	flibbertigibbet	gender	hawker
executioner	flicker	geographer	hawser
exercise	flier	germane	header
exhibiter	flipper	gerrymander	healer
expander	flivver	geyser	hearer
experimenter	floater	gibber	heater
explorer	flounder	ginger	heather

heeler	intercourse	kindergarten	lucifer (L)
heifer	interdict	kindergartener	lugger
helicopter	interdiction	knickerbocker	lumber
helper	interfere	knitter	luster
helterskelter	interference	knocker	madder
herder	interfuse	lacquer	magnifier
hereafter	interject	ladder	maker
herself	interjection	lancer	maltster
hexameter	interlocutor	larder	manager
hibernate	interloper	lather	maneuver
hibernation	interlude	latter	manger
hijacker	interlunar	laughter	manner
hiker	intermarriage	launder	manometer
hinder	intermediary	lavender	marauder
hinterland	intermediate	laver	marcher
hither	intermission	lawyer	mariner
holder	intermittent	layer	marker
holster	internecine	leader	masquer
hooker	*interpellation	leaguer	master
hopper	interpose	learner	matter
hostler	interpreter	leather	maunder
hover	intersect	ledger	meager
howitzer	intersection	lender	meander
howler	intersperse	leper	meddler
huckster	interstices	lesser	member
hunger	interstitial	letter	mender
hunter	interval	leveler	mercier
hydrometer	intervene	lever	mercurial
hygrometer	intervention	lexicographer	merger
hyperbolic	interview	libeler	messenger
hyperborean	interwoven	libeller	meter
idler	intruder	liberty	micrometer
idolater	invader	lighter	milker
imperturbable	inverness (I)	limber	millier (M)
importer	islander	liner	milliner
imposter	jabber	linger	miner
incumber	jailer	listener	minister
informer	jasper (J)	liter	miniver (M)
inner	jerboa	lithographer	minster
innervate	jester	litter	miser
inquirer	jeweler	liver	misnomer
insider	jobber	loafer	mister (M)
inspirer	joiner	lobster	miter
instanter	joker	locker	mixer
integer	juggler	lodger	mocker
intercede	jumper	loggerhead	modern
intercellular	juniper	loiter	modernize
intercept	kaiser (K)	looker	molder
intercession	keeper	loser	monger
interchangeable	kidnapper	lover	monster
intercollegiate	killer	lower	mortgager
intercolonial	kilometer	lubber	mother

moulder	palaver	perpetuation	plunger
mourner	palmer (P)	perplex	poacher
mover	palter	perplexity	poetaster
mower	pamper	persimmon	pointer
mucker	pander	persist	poisoner
muffler	pannier	persistence	poker
multiplier	panther	persistent	polarizer
nummer	paper	personification	ponder
murder	paraphernalia	personify	popper
muster	pardoner	perspective	porker
mutter	parishioner	perspire	porringer
neckkerchief	partaker	persuade	porter (P)
necromancer	partner	persuasion	poser
neither	passenger	persuasive	poster
nester	passer	pertain	postern
nether	paster	perturb	pothier
neuter	pastern	pervade	potter
never	pater	perverse	pounder
nigger	patter	perversion	pouter
nippers	pattern	pervert -v.	poverty
niter	pauper	pester	powder
norther	payer	Peter	practitioner
northern	peeper	petitioner	prater
<u>northerner</u>	pensioner	pewter	prayer
November	pentameter	philander	preacher
number	pepper	philosopher	premier
observation	percale	philter	presbyter
<u>observer</u>	percent	photographer	preservation
occupier	perceptible	piaster	<u>preserver</u>
ocher	perception	picker	pretender
October	perchance	pier	preternatural
offender	percussion	piker	primer
offer	perdition	pilaster	printer
officer	perfect -v.	pilfer	prisoner
oldster	perfection	pimpinel	probationer
olsander	perfidious	pincers	procurer
opener	perforce	piper	producer
order	perform	pitcher	proffer
organizer	performance	<u>pitterpatter</u>	promoter
osier	<u>performer</u>	placer	prompter
ostler	perfume	plaister	propeller
other	perfumery	planer	proper
otter	perfunctory	planter	property
outer	perhaps	plaster	prosper
over	perimeter	platter	provender
overture	permissible	player	*proverb
overwhelm	permission	pliers	puberty
owner	permissive	plodder	publisher
oyster	permit -v.	plotter	pucker
packer	pernicious	plover	puller
paddler	perpetual	plumber	puncher
painter	perpetuate	plunder	purchaser

purser	retailer	scimitar	silencer
pursuer	retainer	scoffer	silver
putter	retriever	scooter	simmer
quarter	reveler	scorner	simper
quaver	reveller	scraper	singer
quitter	reviewer	scribbler	sinister
quiver	revolver	scriber	sinker
racer	rhymster	scrivener	sinner
rafter	riser	souper	sister
raider	ridder	sealer	sitter
railer	rider	searcher	skater
raiser	rigger	seducer	skewer
rambler	ringer	seeder	skimmer
rancher	rioter	seeker	skinner
ranger	riser	seersucker	skipper
rapier	river	seller	skitter
rather	roadster	seltzer	slacker
rattler	robber	semester	slander
ravisher	rocker	sender	slatternly
reader	roister	September	slaughter
reamer	roller	sepulcher	slayer
reaper	romancer	sequester	sleeper
reasoner	rompers	server	slender
receiver	roomer	servility	slicker
reciter	rooster	setter	slinger
reconnoiter	rooter	settler	slipper
recorder	rounders	sever	slither
recover	rover	sewer	sliver
redeemer (R)	rower	shaker	slobber
reducer	rubber	shammer	slumber
reefer	rudder	sharer	smelter
refiner	ruler	sharper	smoker
reformer	runner	shatter	smolder
register	rustler	shaver	smother
rejoinder	saber	shearer	smoulder
remainder	sacerdotal	sheller	smuggler
remember	saddler	shelter	snapper
reminder	salamander	shepherd	snicker
remover	salver	shimmer	snigger
render	sampler	shiner	snuffers
renter	sapper	shipper	sober
repairer	saucer	shirker	soccer
repeater	sauerkraut	shiver	softener
percussion	saunter	shooter	sojourner
repertoire	saver	shopper	solder
repertory	sawyer	shoulder	soldier
reporter	scamper	shoveller	somber
resouer	scatter	shower	somersault
researcher	scavenger	shudder	songster
reservation	scepter	shutter	soother
reservoir	schemer	shyster	sounder
restorer	schooner	sifter	southerly

southern	stretcher	teamster	trifler
southerner	strider	teeter	trigger
souwester	striker	teetotaller	trimeter
spanker	stringer	telegrapher	trimmer
sparkler	stroller	teller	trooper
spatter	stutter	temper	trotter
speaker	*subaltern	tempter	trouper
specter	subscriber	tender	trousers
speedometer	subterfuge	tergiversation	trumpeter
speller	sucker	terrier	tuber
spencer (S)	suffer	tester	tubercle
spider	summer (S)	tether	tucker (T)
spinner	summoner	theater	tumbler
spinster	sumpter	thermometer	turner (T)
spirometer	sunder	thinker	tusker
splatter	super	thither	tweezers
splinter	supercilious	thrasher	twister
splutter	superficial	thresher	twitter
spoiler	superfluity	thriller	udder
spotter	supernumerary	thunder	ulcer
sprayer	supersede	ticker	ulster
spreader	superstition	tiger	umber
sprinkler	superstitious	tiller	unbeliever
sputter	supervene	timber	under
squander	supervise	timer	upper
squatter	supervision	tinder	user
squeezer	supper	tinker	usher
stabilizer	supplier	titter	usurer
stadtholder	supporter	toaster	usurper
stager	surrender	toddler	utter
stagger	suspenders	together	vender
stammer	swagger	toiler	verbatim
starrer	sweater	toper	verbena
starter	sweeper	tormentor	verbose
stationer	swelter	totter	verbosity
steamer	swimmer	tower	verger
stenographer	swindler	trader	vermillion
stepper	sympathizer	trafficker	vermouth
sticker	tabernacle	trailer	vernacular
stickler	tackler	trainer	vernier
stimulator	taker	transmitter	versifier
stinger	talker	transporter	vesper
stiver	tamer	tracer	villager
stoker	tamoshanter	trapper	vintner
stomacher	tamper	traveller	viper
stopper	tanker	*traverse	vizier
straggler	tanner	travertine	voter
strainer	taper	trawler	voucher
stranger	tapster	trencher	voyager
strangler	tatter	trespasser	vulcanizer
streamer	tavern	trickster	wafer
strengthened	teacher	trier	wagoner

waiter	weeper	wicker	wrecker
walker (W)	welter	widower	wrestler
wander	westerly	wielder	wriggler
warbler	western	wilder	wringer
warder	wether	winner	writer
washer	whaler	winter (W)	yesterday
wassailer	wheeler	wiper	yestermorn
watcher	whether	wither	yesternight
water	whimper	wonder	yesteryear
waver	whisker	wooder	yonder
wearer	whisper	worker	youngster
weather	whistler	worshiper	younger
weaver	whither	wrangler	zither
weeder	whopper	wrapper	

17.2b When a word ending in an [æ, ə] sound has an er added, then GA pronounces it as [æ], as in caterer ['keɪtəɹ]. In S and E the situation is a little different. For them, the first r becomes intervocalic and is pronounced as [ər] and then the [ə] is added, as in laborer ['leɪbəɹə].

adulterer	deliverer	manufacturer	sufferer
adventurer	discoverer	murderer	thunderer
armor	embroiderer	plasterer	torturer
borderer	flatterer	plunderer	treasurer
oaterer	fruiterer	poulterer	upholsterer
cellarer	laborer	slanderer	wanderer
chatterer	lecturer	sorcerer	waverer
conjurer	loiterer	stammerer	

17.3 ir in unstressed syllables, either final or before another consonant, as in circumference [sə'kʌmpfərənts, sə'kʌmpfərənts].

affirmation	decemvir	kaffir	tapir
circuitous	elixir	kafir	triumvir
circumference	extirpate	nadir	virginity
circumferential		sirdar	Virginia

17.4 or in unstressed syllables, either final or before another consonant, as in arbor ['ɑ:bə, ɑ:bə].

abettor	alligator	ardor	benefactor
accelerator	ambassador	armor	calculator
accumulator	amortization	aspirator	calumniator
actor	amortize	assessor	camphor
abductor	ancestor	auditor	candor
administrator	anchor	author	cantor
adviser	anterior	aviator	captor
aggressor	arbitrator	bachelor	carburetor
agitator	arbor	behavior	castor

censor	educator	imitator	narrator
chancellor	effort	imperator	navigator
clamor	elector	impersonator	negotiator
clangor	elevator	impostor	neighbor
coadjutor	emancipator	incinerator	numerator
collaborator	emperor	incisor	objector
collector	enamor	incubator	odor
color	enamored	indicator	operator
comfort	endeavor	inferior	opportune
commentator	ephor	information	opportunity
commutator	equator	inheritor	oppressor
competitor	error	injector	orator
compositor	escalator	innovator	originator
compressor	evaporator	inquisitor	oscillator
concord	excelsior	inspector	ovipositor
condor	executor	instigator	oxford (O)
conductor	exhibitor	instructor	pallor
confessor	expositor	insulator	parlor
conjuror	exterior	intercessor	participator
connector	extractor	interior	pastor
conqueror	factor	interlocutor	perambulator
conservator	favor	interrogator	percolator
conspirator	fervor	inventor	perpetrator
constrictor	flavor	investor	persecutor
constructor	flexor	janitor	possessor
contractor	forbad	junior (J)	posterior
contributor	forbade	juror	praetor
converter	forbear	labored	precentor
conveyor	forbearance	languor	preceptor
co-operator	forbid	leghorn (L)	precursor
councilor	forbidden	legislator	predecessor
councillor	forboding	*lessor	prior
counselor	forgave	liberator	proctor
creator	forget	lictor	procurator
creditor	forgive	liquor	professor
cultivator	forgo	lubricator	progenitor
curator	forgot	major	prognosticator
debtor	forgotten	malefactor	projector
decorator	forlorn	manipulator	proprietor
*deformation	forsake	manor	prosecutor
demeanor	forsook	mayor	protector
demonstrator	forsooth	mediator	protractor
depositor	generator	mentor	pulmotor
detector	gladiator	metaphor	purveyor
detractor	governor	meteor	quaestor
director	*grantor	minor	radiator
distributor	harbor	mirror	rancor
divisor	hector (H)	moderator	razor
doctor (D)	honor	monitor	realtor
dolor	horror	monsignor	rector
donor	humor	*mortgagor	reflector
editor	illustrator	motor	*reformation

refractor	senator	superior	tremor
refrigerator	senior	supervisor	tricolor
regulator	separator	surveyor	tumor
rejuvenator	servitor	survivor	tutor
resonator	solicitor	tabor	ulterior
respirator	spectator	tailor	valor
retractor	speculator	tenor	vapor
rigor	splendor	terror	vector
rotator	sponsor	testator	vendor
rumor	squalor	tormentor	ventilator
sailor	stimulator	torpor	vibrator
savior	stubborn	tractor	victor (V)
savor	stupor	traitor	vigor
seissors	successor	transgressor	visitor
sculptor	succor	translator	visor
seator	suitor	transportation	warrior

17.5 our in unstressed syllables, either final or before another consonant, as in colour ['kʌlə, 'kələ]. This is the British and Canadian form of spelling. American orthography has dropped the u and retained only the or in these words.

arbour	colour	glamour	saviour
ardour	demeanour	harbour	savour
armour	endeavour	honour	splendour
behaviour	favour	humour	tumour
candour	fervour	odour	valour
clamour	flavour	rigour	

17.6 ur in unstressed syllables, either final or before another consonant, as in sulfur ['sʌlfə, sʌlfə]. For other words with ur in unstressed syllables, see section 9.1c.

Arthur	lemur	pursue	surmount
auburn	liturgy	pursuit	surpass
sugar	murmur	purvey	surprise
burglarious	objurgation	Saturday	surtout
curtail	perturbation	saturnine	surveillance
femur	purport -v.	sulfur	survey -v.
jodhpurs	pursuance	sulphur	survive
		surmise	usurpation

17.7 ure in final unstressed syllables. See section 9X.4 for words in which final ure is occasionally pronounced with [u, ju]. The more common the word, the more likely it is to be pronounced with [ə] or [ə].

adventure	azure	cineture	conjure
agriculture	candidature	closure	converture
aperture	capture	cloture	creature
architecture	caricature	composure	culture
armature	censure	conjecture	curve ture

debenture	gesture	nomenclature	sculpture
departure	horticulture	nurture	seizure
disclosure	inclosure	ordure	sepulchre
discomfiture	indenture	overture	sepulture
embrasure	injure	pasture	signature
entablature	investiture	perjure	stature
erasure	jointure	picture	stricture
expenditure	judicature	pleasure	structure
exposure	juncture	portraiture	suture
failure	lecture	posture	temperature
feature	legislature	prefecture	tenure
figure	leisure	pressure	texture
fissure	ligature	primogeniture	tincture
fixture	literature	procedure	tonsure
flexure	manufacture	puncture	torture
forfeiture	measure	quadrature	treasure
fracture	miniature	rapture	venture
furniture	mixture	rotogravure	verdure
future	moisture	rupture	vesture
garniture	nature	scripture	vulture

17.8 re in final unstressed syllables. This form is the French spelling. In American orthography most of these words have been changed to er, as in center for center ['sentə, 'sente].

accoutre	involucre	mediocre	quatre
acre	kilometre	metre	reconnoitre
calibre	livre	mitre	saltpetre
centimetre	lucre	nitre	sceptre
centre	lustre	notre	sombre
decimetre	manoeuvre	ochre	spectre
entresol	massacre	ogre	theatre
euchre	maugre	philtre	timbre
fibre	meagre	piastre	

17.9 yr in the final unstressed syllable of three words.

martyr satyr zephyr

17.10 eur in the final unstressed syllable of French words.

*chaffeur *grandeur jongleur messieurs

17.11 oar in the word board when it is compounded and then unstressed, as in cupboard ['kəbəd, 'kəbed].

*clapboard cupboard larboard starboard

17.12 Exceptionally:

avoirdupois andiron iron

18. THE SOUNDS [ə] AND [ɪ]¹

The spellings of [ə] are:

1. a in unstressed syllables, except as below.
2. e in unstressed syllables, except as below.
3. o in unstressed syllables, except as below.
4. u in unstressed syllables, except as below.
5. eo in the same unstressed syllable.
6. ou in the unstressed ending ous.
7. ae, ai, au, ei, ia, ou in a few words, most of which are foreign loan-words.

Note: For other pronunciations of spellings of [ə], see:

1. a before r in unstressed syllables, section 17.1.
2. a as pure [ə], section 12.12.
3. Silent a, section 20.
4. e before r in unstressed syllables, section 17.2.
5. e in final unstressed syllables, section 18.11.
6. Silent e, section 20.
7. i before r in unstressed syllables, section 17.3.
8. Silent i, section 20.
9. o before r in unstressed syllables, section 17.4.
10. o as pure [ə], section 14.13.
11. Silent o, section 20.
12. u before r in unstressed syllables, section 17.6 and 17.7.
13. u as [u] or [ju] in unstressed syllables, section 9.2.
14. u in unstressed syllables after t or d, sections 22.6a and 36.3.
15. Silent u, section 20.

The spellings of [ɪ] are:

8. i in unstressed syllables, except as below.

¹These sounds are to be found in unstressed syllables which do not have an r after the vowel. The vowels preceding an r in an unstressed syllable are discussed in section 17.

9. y in unstressed final syllables.
10. e in the unstressed prefix ex.
11. e, ae, y in an unstressed syllable before another vowel.
12. a in the unstressed suffix, age.
13. ay, e, ee, ei, ey, i, ie, uy in unstressed final syllables.
14. ie in inflected endings ies and ied.

Note: For other pronunciations of spellings of [ɪ], see:

1. i in unstressed syllables tion, tia, tial, cia, sia, sion, sections 34.2-5, 44.1.
2. Silent y, section 20.

The spellings of [ə] or [ɪ] are:

15. i in medial unstressed syllables.
16. i in unstressed endings ice, id, in, ip, is, ist, it, ite, if, il.
17. e in unstressed medial syllables.
18. e in the unstressed endings ed, es, ess, et, in en and ol in some words.
19. a in the unstressed endings ate, ace, acle.
20. y in unstressed medial syllables.
21. ai in unstressed syllables, except as below.

Note: For other pronunciations of Spellings of [ə] or [ɪ], see:

1. ai silent before syllabic n, section 20.

Unstressing is one of the outstanding characteristics of English and one of the hardest for the foreign language student to acquire. Nearly all polysyllables have one or more unstressed syllables. Even monosyllables will become unstressed in connected speech, especially articles, prepositions, pronouns, conjunctions, and auxiliaries of verbs. The exact degree of unstressing often depends upon the occasion of the speech and the familiarity of the words. "The weakening of vowels in unaccented syllables is generally carried further in everyday words than in learned words which rarely occur in colloquial speech."²

Any vowel or orthographic vowel cluster may unstress to [ə]. Diphthongs may unstress only to a pure vowel, rather than all the way to [ə] or [ɪ]. In cases where that happens, or where a weak-stressed vowel of the same phoneme is used

²Wright, New English Grammar, p. 87.

instead of [ə], it has been noted in the discussion of that phoneme. For example, when either [ə] or a lightly stressed [æ] is used for a in initial position, a list of words in which this occurs is given in section 4.2e.

Some unstressed syllables are always [ə], others always [ɪ], while still others may be pronounced either [ə] or [ɪ]. The latter variation is usually on a regional basis, with GA showing a preference for [ə] and S and E using [ɪ].³

The distribution of [ə] and [ɪ] in English words as follows:

1. In open syllables, initially and finally, as in above [ə'baʊ], event [ɪ'vent], alfalfa [æl'fælfə], crusty ['krasti].
2. In closed syllables, initially and finally, as in express [ɪks'pres], ending [endɪŋ], melon [melen].

Words with [ə] grouped for practices as follows:

1B.1a a in unstressed syllables, as in herald ['herəld], melancholy ['melənkəli], manipulate [mə'nɪpjəleɪt].

acceptability	anthracene	atlas	batik
acclamation	anthracite	autocracy	batiste
accuracy	anticipatory	autodafe	battalion
adamant	antipathy	automaton	bazar
adequacy	apauage	bacchanalian	beatific
advantageous	apathetic	bacchante	beggary
advocacy	apathy	bacillus	beldam
aggravate	apparatus	ballad	beldame
alabaster	apparition	ballade	beneficiary
albatross	aquamarine	ballast	bias
alkali	arabesque	balloon	bibliography
alkaloid	aralest	balsam	bigamy
alphabet	arbitrament	banality	binary
alternative	archipelago	bantam	biography
amaranth	argumentative	barbarism	blackamoor
ambassador	aristocracy	barometer	bombazene
ambulatory	armadillo	baroque	bonafide
amiability	armament	barouche	borax
anaconda	armature	barrack	braggadocio
analgesia	arras	barrage	*brassiere
analyst	artisan	barrette	bravado
analytic	asafetida	basalt	breakfast
anatomical	astrakhan	bashaw	bricabrac
anniversary	atavistic	bassoon	brigadier

³Trager and Bloch, Syllabic Phonemes, p. 232.

brigand	carat	chrysalis	convalescence
brigantine	caravanary	cigarette	cooperative
brilliance	caravel	cinnabar	cooperas
buccaneer	caraway	cinnamon	correlative
buckram	carcanet	circulatory	cravat
buffalo	carcasse	citadel	cuirassier
bugaboo	carcass	clematis	curecane
bungalow	careen	coadjutor	curative
buoyancy	career	coalesce	*curator
bureaucracy	caress	coalescence	curvature
burglary	caricature	coalition	cutlass
byandby	*carillon	cockatoo	cyanide
cabalistic	carotid	cockatrice	cyclamen
caballero	carouse	colander	daguerreotype
cabaret	casino	comatose	damsk
caboose	castanets	combative	decadence
cacao	cataclysm	commercialize	decadent
cadaverous	cataclysmic	commonalty	decalog
cadet	catacomb	company	declamation
caduceus	catafalque	comparative	declamatory
cafe	cataleptic	compass	declaration
cajole	catalogue	compensatory	declaratory
calabash	catamount	conciliatory	*decorative
calaboose	catapult	confederacy	dedicatory
calamus	cataract	confirmatory	defamation
calash	catarrh	confiscatory	defamatory
calorie	catastrophe	conflagration	degeneracy
calumniate	catastrophic	congratulatory	degradation
calumnious	cathartic	conquistador	delicacy
camelopard	catholicism	conservatism	delicatessen
canaille	cavalcade	conservative	demagogue
*canalize	cavalier	conservatoire	demilitarize
*cannape	cavalry	conservator	democracy
canard	cavort	conservatory	democratize
canary	celandine	consolatory	demonstrative
*canine	celibacy	conspiracy	demoralization
cance	cellarage	conspirator	demoralize
canvas	cellarer	constancy	dependability
capability	centralization	consultative	depilatory
capacious	centralize	*contemplative	deprecatory
capacity	chagrin	contraband	derivative
comparison	chameleon	contraceptive	dermatologist
capric	charade	contradict	derogatory
capitulate	chevalier	contradiction	desirability
capitulation	chickadee	contradictory	devastate
caprice	chickaree	contradistinction	devastation
capricious	chinguapin	contrariety	diabetes
carabineer	chivalric	contravene	diabetic
caramel	chivalry	contravention	diabolic
carafe	*chorale	contumacy	diadem
carapace	Christmas	convalesce	diagnose

diagnosis	entablature	figurative	gustatory
diagnostic	epigrammatic	filament	hab <u>eas</u>
diagram	episcopacy	finnanhaddie	hab <u>il</u> iment
diagrammatic	epithalamium	firmament	habitu <u>a</u> te
dialect	equability	fixative	hallelu <u>j</u> ah
dialogue	equalization	flagitious	hallo
diamagnetic	equalize	flippancy	hallucination
diapason	equanimity	flotsam	harangue
diaper	equivalent	forasmuch	*harass
diaphanous	errand	fore <u>and</u> aft	head <u>l</u> and
diaphragm	erysipelas	*fore <u>ca</u> stle	hecatomb
diary	escadrille	formalin	hematite
diastase	escalator	formative	herald
diatom	escapade	frac <u>s</u>	hesitancy
diatonic	escarole	fragility	hexagon
dilatory	esophagus	fraternity	highland
diplomacy	esplanade	friary	hippopotamus
diplomatist	eucalyptus	fricassee	Holland
discrepancy	evanescence	galactic	howdah
dispensary	excavate	galaxy	hullabaloo
documentary	excavation	gallantry	humanize
dogmatism	excitability	galla <u>o</u> n	hurricane
dogmatize	exclamation	galore	husband
donative	exclamatory	galosh	hussar
dowager	exemplary	galvanism	hyacinth
dragoon	exhalation	galvanize	hyaline
dramatic	exhilarate	galvanometer	idealize
dramatist	exhilaration	garage	idiosyncrasy
dramatisation	expectancy	garland	idolatry
dramatize	explanation	garrulity	illegitimacy
dreamland	explanatory	gazelle	illiteracy
*dryad	exploratory	gazette	imaginative
durability	extradite	gelatin	immediacy
dynamite	extradition	generalization	imperative
dynamo	facade	generalize	inadequacy
dynast	facetious	geographer	inadvertently
dynasty	facilitate	geography	inanition
ecstasy	facility	Germany	inasmuch
effeminacy	fallacious	gingham	incandescence
efficacy	fallacy	gonfalon	incapacitate
eglintine	familiar	gormandizer	incarnadine
elegiac	familiarity	gossamer	incendiarism
Elisabeth	familiarize	gourmand	indicative
emerald	fanatic	graham	infamous
emanate	fantasy	gramercy	infamy
emanation	farrago	granary	infantile
embassage	fatigue	grandam	infantry
embassy	fealty	grandame	infirmary
emerald	feudatory	gratuitous	inflammation
emphasis	fiancee	grenadier	inflammatory
emphasize	fiat	guarantee	informative
England			

infrared	ligature	marauder	nasturtium
inhalation	lilas	margarine	nationalize
initiative	literacy	marine	naturalize
inland	literature	marjoram	navigability
installation	localize	marmalade	nectarine
instantaneous	logarithm	maroon	negative
intercalate	lowland	massacre	neurasthenic
interrogative	lucrative	massage	neutralization
interrogatory	lullaby	matador	neutralize
intimacy	lunacy	materialize	*nominative
intricacy	lunatic	maternal	nonpareil
invalid	macadam	maternity	northland
invalidism	macaroni	matriculate	notary
inveteracy	macaroon	matriculation	nowadays
irritability	macaw	mature	nugatory
island	machine	maturity	*oasis
itinerancy	machinery	mayoralty	obduracy
jackanapes	madam	mechanism	obligatory
jessamine	madras	mechanize	observatory
jetsam	magazine	medicament	obstinacy
judicature	magdalen (M)	megaphone	occupancy
juxtapose	magistracy	melancholy	octagon
juxtaposition	magnanimity	membranous	*operative
kaleidoscope	mahogany	memorial	orator
kangaroo	mainland	mercantile	oratorio
laboratory	mainmast	merchandise	oratory
laborious	majestic	messaline	ordinarily
laburnum	majority	metabolic	organdy
laconic	malachite	metamorphose	organism
lacrosse	malady	metamorphosis	organist
lacuna	malapert	metaphor	organize
lacustrine	malevolent	metaphorical	ornament
lagoon	malicious	metaphysics	ornamentation
lamella	malign	mezzanine	orthography
lament	malignity	midland	ostracism
lapel	maline	migratory	ostracize
lariat	malleability	militarism	ovary
lascivious	managerial	militarization	oxalis
lateen	mandarin	minaret	pacific (P)
latrine	mandatory	misanthropic	pacificism
laudatory	maneuver	mizzenmast	padrone
lavatory	manganese	moccasin	pajamas
laxative	manipulate	monastery	palanquin
lazaretto	manipulation	monogamy	palatinate
legacy	manoeuvre	moerland	palatine
legates	manometer	moratorium	palaver
legitimacy	manorial	morganatic	palladium
lexicography	manure	mutability	pampas
liability	marabou	myriad	pancreas
lieutenancy	maraschino	Napoleon	papacy
ligament	marathon	narrative	*papillary

papyrus	phantasy	pronunciamento	rosary
parabolic	pharmacy	propagate	rotary
parabute	pharyngeal	propagation	rotatory
parade	philanthropic	propitiatory	*rotagravure
paradigm	photographer	provocative	ruffian
paradise	photography	psychiatry	runagate
paradox	physiography	ptyalin	saccharine
paraffin	pianissimo	punkah	sacrament
paragon	*pianist	purgative	sagacious
paragraph	pickaninny	purgatory	sagacity
parallax	pinafore	pusillanimity	sagamore
parallel	piquancy	pyramid	salaam
paralysis	piracy	quadrature	salacious
paralyse	pitapat	quadrille	salamander
paralytic	placidity	quarantine	salary
paramount	plagiarism	quaternary	salmagundi
paramour	glagiarize	quondam	salon
parapet	platoon	raceme	saloon
paraphrase	plenary	radiography	salubrious
parasite	plenipotentiary	ragamuffin	salute
parasitic	pliancy	raja	sanatorium
parasol	polarize	rapacious	saponification
parenthesis	pollack	rapacity	sassafras
pariah	polygamy	rapidity	satanic
parishioner	pompadour	ravine	satiety
parliamentary	popularize	realization	satiric
parole	pornography	realize	satrap
particularize	practicability	realtor	savoy
passivity	predatory	*recitative	scalawag
paterfamilias	predicament	reclamation	scarab
paternity	prefatory	redundancy	scopolamine
pathetic	pregnancy	reformatory	sectary
pathology	prelacy	regularize	secularization
patristic	premature	rehabilitate	sedative
patrol	preparation	rehabilitation	sedimentary
patroon	preparatory	relative	semaphore
pavilion	prerogative	relativity	senator
peccadillo	preservative	relevancy	senatorial
peccary	prevalence	reliability	sensual
pedagogue	prevalent	remunerative	separate
pedestrian	preventative	reparation	separation
pelisse	primacy	representative	seraph
penalize	primarily	respectability	seraphim
penalty	primary	respiratory	sesame
penitentiary	privacy	restaurateur	shallot
pentagon	probability	*restorative	sirrah
peripatetic	proclamation	retaliatory	socialability
permanence	profanation	rheumatism	socialization
permanent	profligacy	ribald	socialize
permanganate	program	ribband	spaghetti
permeability	proletariat	rigmarole	specialization

specialize	supremacy	theocracy	utilitarian
spermatozoon	sybarite	therapeutic	vacancy
spontaneity	sycamore	therapy	vacuity
stability	sympathetic	Thomas	vagabond
staccato	sympathize	thousand	vagary
stalactite	sympathy	timbale	vagrancy
stalagmite	synagogue	tomahawk	validity
statistical	syndicalism	topography	valise
statistics	systematize	topmast	vanadium
stearin	tabasco	toreador	variability
stenographer	taboo	tourmaline	variety
stenography	talkative	tournament	versatile
stentorian	tam ^u rack	tradition	versatility
stigmatize	tamarind	traduce	viaduct
stomach	tam ^u risk	trajectory	viand
stratagem	tantamount	trapeze	vibratory
strategic	tarragon	traverse	vicarage
*subaltern	technocracy	trespass	vitamin
sublunary	telegrapher	triad	viviparous
substance	telegraphy	troubadour	volatile
substantive	telepathy	tuneable	votary
subtrahend	temperament	turban	vulcanize
suffragette	temperature	tussah	vulgarism
sugary	tenancy	tympanum	vulgarize
suitability	tentative	typography	William
summarily	terrapin	tyrannize	windlass
summarize	testament	tyranny	woodland
summary	testamentary	unanimity	
superlative	tete-a-tete	undulatory	
supplementary	theater	upland	

18.1b a in unstressed initial syllables, as in abound [ə'baund]. For words with a in initial syllables which may be pronounced either [] or [], see section 4.2b.

aback	ablaze	abroad	acclimatize
abaft	abloom	abrupt	acclivity
abandon	aboard	absent -v.	accommodate
abase	abolish	abundance	accompaniment
abash	abominable	abundant	accompanist
abate	abomination	abuse	accompany
abatis	abortion	abusive	accomplice
abbreviate	abortive	abut	accomplish
abeam	abound	abysm	accompt
abed	about	abyss	accord
abet	above	acacia	accordance
abettor	abrade	academician	accordant
abeyance	abrasion	academy	accordion
abide	abrasive	acanthus	accost
abiding	abreast	acclaim	accountable
ability	abridge	*acclimate	accountancy

accountant	adorable	agglomerate	alone
accuter	adore	aggression	along
accredit	adorn	aggrieve	aloof
accretion	adown	aghost	aloud
accrete	adrift	agility	alumina
accumulate	adroit	agileam	aluminum
accursed	adulterate	aglow	alumna
accusative	adultery	ago	alumnae
accuse	advance	agog	alumni
accustom	advantage	agrarian	alumnus
acetic	adventure	agree	alyssum
acetylene	adversity	agreeable	amain
achieve	*advertisement	aground	amalgam
acidity	advice	ahead	amalgamate
acidulate	advise	ahem	amanuensis
acoustic	advisability	ahoy	amass
acquaint	advisory	ajar	amateur
acquaintance	afar	akinbo	amatory
acquire	affair	skin	amaze
acropolis (A)	affect	alack	ameba
across	affection	alackaday	amebic
acrostic	affectionate	alacrity	ameboid
acumen	affiance	alarm	ameer
acute	affiliate	alarum	ameliorate
adagio	affiliation	alas	amenable
adapt	affinity	alembic	amend
adaptability	affirm	alert	amenity
adaptable	affirmative	alight	amerce
addict -v.	affix	align	America
addiction	afflatus	alike	American
addition	afflict	aline	amid
additional	affliction	alive	amidst
address -v.	afford	allay	amino
adduce	afoul	allege	amir
adductor	affray	allergic	amiss
adieu	affright	alleviate	ammonia
adjacent	affront	alliance	ammoniac
adjoin	afield	*allied	among
adjourn	afire	*allies	amongst
adjudge	aflame	alliteration	amorphous
adjudicate	afloat	allot	amount
adjure	aflutter	allow	amour
adjust	afoot	allowable	amuck
adjustable	afore	allowance	amuse
admire	afraid	allude	anachronism
admiringly	again	allure	analogous
ado	against	alluvial	analogy
adobe	agape	*ally	analysis
adopt	agaric	aloft	anathema
adoption	agave	aloha	anatomy

anemia	appraise	assail	atonement
anemic	appreciable	assailant	atop
anemone	appreciate	assassin	atrocious
anesthetist	apprentice	assassinate	atrocify
anew	apprise	assassination	attach
annex -v.	approach	assault	attack
announce	appropriate	*assay	attain
annoy	approval	assemble	attainable
annoyance	approve	assembly	attempt
annuity	approximate	assent	attend
annul	appurtenance	assert	attendance
anoint	aquarium	assertion	attendant
anomalous	aquatic	assess	attention
anomaly	arachnid	asseverate	attentive
anon	arena	asseveration	attentuate
anonymous	aridity	assiduous	attest
another	aright	assign	attire
apace	arise	assimilate	attorney
apart	arisen	assimilation	attract
apiece	aristocrat	assist	attraction
aplenty	arithmetic	assistance	attribute -v.
apocalypse	aroma	assistant	attrition
apologetic	arose	assizes	attune
apologetically	around	associate	avail
apologize	arouse	association	availability
apology	arraign	assort	available
apostasy	arrange	assuage	avant
apostate	array	assume	avenge
apostle	arrears	assumption	aver
apostrophe	arrest	assurance	averse
apothecary	arrival	assure	aversion
*apothecosis	arrive	astern	avidity
appall	arroyo	astigmatism	avoid
apparel	ascend	astir	avoidable
apparent	ascendancy	astonish	avoidance
appeal	ascendant	astound	avouch
appear	ascension	astray	avow
appearance	ascent	astride	avowal
appease	ascetic	astrigent	avowedly
appellant	ascribe	astrologer	await
append	aseptic	astrology	awake
appendicitis	ashamed	astronomy	awaken
appendix	ashore	astute	award
applaud	aside	asunder	aware
applause	askance	asylum	awash
appliance	aslant	athirst	away
applied	asleep	athwart	awearry
apply	asparagus	atilt	awhile
appoint	asperse	atingle	awoke
apportion	aspersion	atomic	awry
appraisal	aspire	atone	azalea

18, 19 a in final unstressed open syllables, as in alfalfa [əl'fælfe].

acacia	camellia	dogma	holla
alfalfa	camera	donna	hosanna
algebra	campanula	drama	hydra
aloha	canna	duenna	hydrangea
alpses	cantata	dyspepsia	hydrophobia
alpha	capita	ecclesia	hyena
alumina	cascara	echidna	hymenoptera
alumna	cassava	effluvia	hyperbola
ambrosia	cassia	encyclopedia	hysteria
aneba	catalpa	enema	idea
America	ontawba	enigma	iguana
ammonia	chautauqua	era	impedimenta
amnesia	chimæra	eta	incunabula
amphora	chimera	eureka	inertia
anaconda	china (C)	extra	influenza
analgesia	chinchilla	extravaganza	insignia
anathema	cholera	farina	insomnia
anemia	chorea	fascia	intelligentia
anesthesia	cicada	fauna	iota
angelica	cilia	felucca	japonica
antenna	cinchona	fiesta	jerboa
aorta	cinema	fiesta	junta
apologia	circa	flora (F)	kappa
area	cithara	flotilla	kimona
arena	clepsydra	foraminifera	lacuna
aria	cloaca	formula	lama
armada	cobra	forsythia	lamella
arnica	cochlea	freesia	lamina
aroma	coma	fuchsia	larva
asafetida	coma	gala	lava
asthma	cordillera	galena	liana
aura	cornea	gamma	lira
aurora	cormacopia	ganglia	lithia
azalea	corolla	gardenia	llama
bacteria	corona	genera	loggia
ballerina	cupola	gladiola	magenta
ballista	curia	gloria (G)	magnesia
banana	cyclopedia	gondola	magnolia
bandanna	czarina	gorilla	maharaja
basilica	dahlia	guava	majolica
begonia	data	guerrilla	malaria
belladonna	delta	guttapercha	mama
beta	dementia	hacienda	mamma
bca	desiderata	harmonica	mandragora
bonanza	diarrhea	hegira	mania
caesura	dilemma	henna	manila
cafeteria	diphtheria	hepatica	manna
calla	diploma	hernia	mantilla

nascara	pergola	scintilla	tibia
maxilla	petunia	scoria	toga
maxima	phantasmagoria	serofula	trachea
media	phenomena	semolina	trachoma
medulla	piazza	senna	tuba
medusa (M)	pinna	senora	tufa
memoranda	placenta	senorita	tuna
nessa	plasma	sepia	tundra
niasma	plaza	sequoia	ulna
nica	plethora	sierra	ultra
militia	pleura	siesta	umbra
minosa	pneumonia	sigma	umbrella
moa	poinsettia	signora	urea
myopia	polenta	signorina	urethra
naphtha	polka	silica	utopia
nausea	portulaca	silva	vagina
nebula	primula	soda	vanilla
nephridia	propaganda	soma	vendetta
neuralgia	puma	sonata	verbena
neurasthenia	punka	sofa	vertebra
nirvana	pupa	spatula	via
nostalgia	pyorrhea	eporangia	viceversa
okra	quota	stamina	victoria (V)
omega	raffia	stanza	victrola
opera	raja	stigma	vicuna
operetta	regalia	stoa	villa
ophthalmia	regatta	stom	viola
orchestra	replica	stomata	Virginia
pagoda	retina	strata	visa
panacea	rhea	subpoena	viscera
panama (P)	rotunda	sultana	vista
panorama	rumba	summa	viva
papa	Russia	supra	vodka
papaya	rutabaga	taffeta	wisteria
papilla	sage	tapioca	yucca
paprika	saliva	tarantula	zebra
parabola	salvia	tempera	zenana
paraphernalia	samara	terracotta	zeta
pasha	sarsaparilla	terrafirma	
pellagra	scarlatina	testa	
peninsula	sciatica	tiara	

18.1d a in the unstressed suffixes al, ally, able, ably,
as in approval [p'pruvel], mutually ['mju:tʃuəli], arable
['arebel], suitably ['sutebli].

abdominal	actual	admirably	aerial
abominable	adaptable	admiral	affable
academical	additional	adorable	agreeable
acceptable	adjustable	adorably	agreeably
accountable	admirable	advisable	agricultural

allegorical	attributable	cereal
allowable	auroral	cerebral
alluvial	authentically	cerebral
alphabetical	automatically	cervical
ambassadorial	available	changeable
ambrosial	avoidable	characteristically
amenable	avowal	chargeable
amiable	bacchanal	charitable
amiably	bacterial	chemical
amicable	bacteriological	chimerical
anal	banal	chloral
analytical	baptismal	choral
anarchical	baronial	chronically
anatomical	basal	chronological
ancestral	basically	circumferential
angelical	bearable	circumstantial
animal	believable	classical
annal	beneficial	clerical
annual	bestial	clinical
answerable	bestowal	cloistral
anthropological	betrayal	coeducational
antiphonal	betrothal	coeval
apocryphal	biblical	collateral
apologetically	bibliographical	colloquial
apostolical	biennial	colonial
applicable	binomial	colossal
appraisal	biographical	comfortable
appreciable	biological	comical
approachable	boreal	commendable
approval	botanical	commercial
arable	breakable	communal
arbitral	bronchial	communicable
arboreal	burial	companionable
archaeological	cannibal	conceivable
architectural	canonical	conceivably
arithmetical	cantonal	conceptual
armorial	capable	conditional
arrival	cardinal	confessional
arsenal	carnal	confidential
arsenical	carnival	conformable
arterial	carceral	congenial
artificial	casual	congregational
artificially	catarrhal	congressional
artistically	categorical	conical
assailable	cathedral	conjectural
assignable	causal	conjugal
astral	caustically	connubial
astrological	celestial	consequential
astronomical	centennial	considerable
asymmetrical	central	constable
attainable	centrifugal	constitutional

continual	dial	endurable	festival
contractual	dialectical	energetically	fictional
contrapuntal	diametrical	enigmatical	filial
controllable	diametrically	enthusiastically	final
controversial	dictatorial	entomological	financial
conventional	differential	enviable	financially
conventual	diluvial	ephemeral	finial
conversational	dismal	epidemic	fiscal
convivial	dismissal	epidermal	fistula
coral	dispersal	episcopal (E)	floral
cordial	disposable	epithelial	flotilla
coronal	disposal	epochal	focal
corporeal	disputable	equable	formal
corporeal	distinguishable	equal	formidable
correctional	diurnal	equatorial	fractional
cortical	divisional	equinoctial	frantically
cranial	doctoral	equitable	fraternal
creditable	doctrinal	equivocal	friable
criminal	dogmatically	especial	frictional
critical	dorsal	espousal	frugal
critically	dramatically	essential	functional
crucial	drastically	estimable	fundamental
cubical	drinkable	eternal	funeral
culpable	dropsical	ethereal	funereal
cultivable	dual	ethical	genealogical
cultural	ducal	ethnical	general
curable	durable	ethnological	genial
cylindrical	dutiable	etymological	geographical
cymbal	dynamical	evangelical	geological
cynical	edible	eventual	geometrical
cynically	ecclesiastical	exceptionable	glacial
damnable	economical	exceptional	gladiatorial
debatable	economically	exchangeable	gradual
deceivably	ecstatically	excitable	grammatical
decimal	ectodermal	excusable	graphically
deferential	editorial	execrable	gravitational
delectable	educational	exegetical	guttural
demonstrable	effectual	explicable	habitable
denial	egotistical	extemporal	habitual
denominational	electoral	external	habitually
dependable	electrical	facial	hemispherical
deplorable	electrically	factional	heretical
desirable	elliptical	factual	heritable
despicable	emblematical	fanatical	hermetically
detachable	emotional	fantastical	heroical
determinable	emotionally	fantastically	hexagonal
detestable	emphatically	farcical	historical
devotional	empirical	fashionable	historically
diabolical	empyrean	fashionably	honorable
diagonal	encyclical	favorable	honorably
diagonally	endothelial	federal	horticultural

hospitable	inflammable	irritable	marital
hymeneal	influential	isothermal	marketable
hymnal	inimical	jackal	marmoreal
hypothetical	inimitable	journal	marriageable
hysterical	initial	judicial	marshal
ideal	initially	juridical	marsupial
identical	innumerable	justifiable	martial
idiotically	inquisitorial	knowable	material
illimitable	insatiable	labial	materially
imaginable	inscrutable	lachrymal	maternal
immeasurably	inspirational	lackadaisical	mathematical
immutable	institutional	lacteal	mathematically
impassable	insufferable	lamella	matrimonial
impeccable	insuperable	lamentable	measurable
impenetrable	insupportable	lamentably	mechanical
imperial	insurmountable	larval	mechanically
imperishable	integral	lateral	medial
imperturbable	intellectual	laudable	medical
implacable	intellectually	laughable	medicinal
impregnable	intentional	legal	medieval
impressionable	interminable	lethal	memorable
inalienable	interminably	liable	memorial
inaugural	internal	liberal	menial
incalculable	internally	likeable	merchantable
incalculably	interstitial	lineal	mercurial
incommensurable	interval	lingual	metallurgical
inconsolable	intestinal	literal	metaphorical
incontestable	intolerable	littoral	metaphysical
indefatigable	intolerably	liveable	metatarsal
indefinable	intrinsically	local	meteorological
indescribable	invaluable	logical	methodical
indispensable	invariable	logically	methodically
individual	invariably	longitudinal	metrical
individually	inviolable	lovable	microscopical
indomitable	invulnerable	loyal	mineral
indubitable	ironical	lyrical	ministerial
industrial	ironically	madrigal	miserable
ineffable	irreclaimable	magical	missal
ineffaceable	irreconcilable	magically	monarchical
ineradicable	irrecoverable	magisterial	monarchical
inescapable	irrecoverably	majestical	moral
inevitable	irredeemable	majestically	morally
inexcusable	irrefragable	malarial	morphological
inexorable	irrefutable	malleable	movable
inexpiable	irremediable	mammal	municipal
inexplicable	irreparable	manageable	mural
inextinguishable	irreproachable	managerial	musical
inextricable	irretrievable	maniacal	musically
inferential	irrevocable	manorial	mutable
infernal	irrevocably	manual	mutual
infinitesimal	irrigable	marginal	mutually

mystical	ornithological	philosophically	prophetically
mythical	orthographical	physical	proportionable
mythological	oval	physically	proportional
nasal	palatable	physiological	proposal
national	palatal	pictorial	proverbial
nationally	palatial	piratical	providential
natural	papal	pitiable	provincial
naturally	parable	placable	provisional
nautical	paradoxical	pleasurable	prudential
naval	pardonable	pleural	psychical
navigable	parental	pliable	psychological
negotiable	parenthetical	plural	psychologically
neutral	parietal	pluvial	punctual
nocturnal	parochial	poetical	punishable
nominal	partial	polemical	pupal
nominally	passable	political	purgatorial
nonsensical	pastoral	politically	puritanical
normal	paternal	polygonal	quadrennial
normally	pathetically	pontifical	questionable
notable	pathological	portable	quizzical
noticeable	patriarchal	portal	rabbinical
notional	patrimonial	portrayal	racial
numeral	patriotically	postal	radial
numerical	payable	potential	radical
nuptial	peaceable	potentially	radically
nutritional	pectoral	practicable	rascal
objectionable	pedagogical	practical	rational
observable	penal	practically	readable
observational	penetrable	preferable	realistically
obstetrical	penitential	preferential	reasonable
obtainable	pentagonal	prejudicial	receivable
occasional	perennial	presentable	reciprocal
occasionally	periodical	presidential	reciprocally
occupational	periodically	presumable	recognizable
octagonal	peripheral	presumably	redeemable
offal	perishable	preventable	redoubtable
official	peritoneal	primal	refusal
oligarchical	permeable	primeval	regal
opal	perpetual	primordial	regional
opposable	personable	principal	regrettable
optical	personal	probable	rehearsal
optional	perusal	problematical	reliable
oral	pestilential	processional	remarkable
oratorical	pharisaical	proctorial	remedial
orchestral	pharmaceutical	prodigal	removable
ordal	pharmacological	professional	removal
ordinal	pharyngeal	professionally	renal
organically	phenomenal	professorial	renewal
original	phial	profitable	reprisal
originally	philological	promotional	reputable
ornamental	philosophical	prophetical	residential

residual	sociological	textual	unmistakable
resolvable	solstitial	theatrical	unpredictable
respectable	sophistical	theological	unpronounceable
reverential	spasmodically	theoretical	unquenchable
reversal	special	thermal	unsearchable
revival	specially	tolerable	unshakable
rhetorical	specifically	tonal	unspeakable
rhythmical	spectral	topical	untamable
ritual	spherical	topographical	unthinkable
rival	spinal	tracheal	unutterable
romantically	spiral	tractable	unwarrantable
royal	spiritually	traditional	urinal
royally	sporadically	traditionally	usable
rural	spousal	tragical	usual
sabbatical	statical	tragically	usually
sacramental	statistical	transferable	valuable
sacrificial	stoical	transitional	variable
salable	strategical	traceable	vassal
saleable	structural	transversal	vegetable
sarcastically	substantial	treasonable	venal
sardonically	suitable	trial	venerable
sartorial	suitably	tribal	venereal
sartorially	superficial	tribunal	venial
satirical	supernal	triennial	ventral
sceptical	supportable	triumphal	ventriloquial
scientifically	surgical	trivial	verbal
scriptural	surprisal	tropical	veritable
seasonable	survival	tunable	vernal
seasonal	syllable	tuneable	vertebral
secretarial	symbolical	typical	vertical
sectional	symmetrical	typically	vertically
seminal	sympathetically	typographical	vesical
sempiternal	synthetically	tyrannical	vestigial
senatorial	systematical	unalterable	vial
seneschal	systemtically	unapproachable	virginal
sensational	tactical	unbelievable	virtual
sensual	tactically	unconditionally	virtually
sepal	tangential	unconquerable	visceral
separable	tangentially	unconscionable	visual
sepulchral	tarsal	undeniable	vocal
serial	taxable	understandable	vocational
serviceable	teachable	unenforceable	voidable
several	technical	unfathomable	volitional
severally	technically	unforgettable	vulnerable
sexual	technological	unforgivable	washable
sidereal	temporal	ungovernable	whimsical
signal	tenable	unimpeachable	workable
sisal	terminal	uninhabitable	zodiacal
sisable	terrestrial	universal	zoological
skeptical	terrifically	universally	
sociable	territorial	unmatchable	
social	testimonial	unmentionable	

18, 19 g in the unstressed endings an, ance, ant, when n is not syllabic, as in layman [lɛɪmən], clearance [ˈklɪərəns], elegant [ˈelɪɡənt]. For words in which n becomes syllabic, see section 29.14.

balance	*complaisance	disturbance	frontiersman
barbarian	*complaisant	dominance	furtherance
barbican	compliance	dominant	fustian
batrachian	compliant	doorman	*gallant
benignant	concomitant	dormant	gentian
blatant	congressman	draftsman	gentleman
boatman	connivance	draughtsman	german (G)
bondman	consonance	drayman	giant
bowman	consonant	durance	gleeman
brakeman	constant	electrician	goodman
brilliance	consultant	elegance	governance
brilliant	contestant	elegant	grammarian
bucyant	continuance	elephant	grievance
bushman	contrivance	emigrant	guardian
cabman	conversant	empyrean	guardman
captan	conveyance	encumbrance	gurman
cardigan	cormorant	endurance	habitant
carman	couchant	entrance	handicraftsman
carnelian	councilman	entrant	hangman
cattleman	countenance	epicurean	harridan
cavalryman	countryman	equestrian	headman
celebrant	courtesan	errant	headman
centenarian	covenant	exorbitant	helmsman
cerulean	craftsman	expectance	henchman
chairman	crustacean	expectant	herculean
chapman	current	extant	herdsman
charlatan	custodian	extravagance	hesitant
cheseman	dalliance	extravagant	highwayman
christian	defendant	exuberance	hinderance
churchman	defiance	exuberant	hindrance
civilian	defiant	ferryman	historian
claimant	deliverance	fireman	horseman
clairvoyant	deodorant	*firman	human
clansman	dependant	fisherman	humanitarian
clearance	descendant	flagman	huntsman
clergyman	determinant	flagrant	husbandman
clubman	diagnostician	flippant	hydrant
coachman	dietician	foeman	hydrozoan
*cognizance	dietitian	footman	hyperborean
*cognizant	diocesan	forbearance	ignorance
collegian	disinfectant	foreman	ignorant
combatant	disputant	fragrance	immigrant
comedian	dissonance	fragrant	importance
committeeman	dissonant	freedman	important
communicant	distance	freeman	incessant
complainant	distant	freshman	incumbrance

indian (I)	metaphysician	pikeman	repugnance
indignant	migrant	piquant	repugnant
inductance	militiaman	plainman	resemblance
infant	ministrant	pleasance	resistance
informant	miscreant	pleasant	resistant
inheritance	mortician	pliant	resonance
insouciance	motorman	ploughman	resonant
instance	musician	plowman	restaurant
instant	nobleman	policeman	riflemen
insurance	nonchalance	politician	Roman
intendant	nonchalant	postman	ruminant
intolerance	nuisance	praetorian	sacristan
intolerant	nurseryman	pregnant	salesman
irrelevance	oarsman	preponderance	saurian
irrelevant	obeisance	preponderant	savant
irritant	observance	presbyterian (P)	schoolman
isthmian	observant	pressman	seaman
Italian	obsidian	procreant	sectarian
issuance	obstetrician	protestant (P)	seedman
itinerant	occupant	protozoan	selectman
joyance	ocean	protuberance	semblance
jubilant	octogenarian	ptarmigan	sergeant
landman	optician	publican	servant
laundryman	ordinance	puissance	severance
layman	ordnance	puissant	sextant
leman	organ	pursuance	sheepman
leviathan	orphan	pursuant	shipman
librarian	ortolan	pursuivant	shopman
liegeman	ottoman	quadrant	showman
lieutenant	ovarian	radiance	sibilant
lineman	paean	radiant	significance
litigant	pageant	rampant	significant
logician	parlance	ranchman	simian
lubricant	partisan	recalcitrant	sovrän
lumberman	patrician	recreant	spearman
luxuriance	patrolman	recusant	spokesman
luxuriant	peasant	redundant	sportsman
madman	pedestrian	relevant	stableman
magician	pernican	reliance	stagnant
maintenance	penance	reluctance	statesman
malfeasance	penchant	reluctant	steersman
malignant	pendant	remembrance	stimulant
mammalian	perman	remittance	stockman
marksman	pennant	remnant	suburban
mathematician	performance	remonstrance	sufferance
mechanician	perseverance	remonstrant	suffragan
median	petulance	renaissance	sultan
mendicant	petulant	repentance	suppliant
merchant	pheasant	repentant	suppliance
merchantman	physician	reptilian	supplicant

sustenance	tertian	urban	veterinarian
switchman	tolerance	utopian	vibrant
swordsman	tolerant	utterance	vigilance
sycophant	townsman	vacant	vigilant
sylvan	tradesman	vagrant	visitant
tactician	tragedian	valance	warrant
talesman	trainman	valiant	watchman
talisman	trenchant	variance	waterman
technician	trencherman	variant	woman
temperance	tribesman	vegetarian	woodman
tenant	triumphant	vengeance	workman
tendance	truant	vestryman	yeoman
termagant	tyrant	veteran	

18.2a e in medial unstressed syllables, as in academy [ə'kædəmɪ], agency ['eɪdʒəntsi]. In most of these words the e precedes r, m, or n.

aberration	auriferous	casserole	concentrate
academy	avenue	castellated	concentration
academician	bachelor	cauterize	condemnation
accelerate	bakelite	celery	confederation
acetanilid	bakery	cerebral	conferee
adulterate	ballerina	cerebral	conglomerate
adulterous	banneret	chancellor	conglomeration
aerate	battery	chancery	coniferous
agency	beret	chaperon	considerate
agglomerate	beverage	characteristic	consideration
aileron	boisterous	characterize	consistency
alchemist	boomerang	chenille	constituency
alchemy	boulevard	cheroot	contemplate
alliteration	bowery	cherubic	contemplation
alphabetize	bravery	chicanery	contemplative
alteration	brewery	cholera	contingency
amnesty	bribery	choleric	cooking
aneroid	briery	cholesterol	cooperage
anesthetist	broidery	chrysanthemum	co-operate
answerable	brokerage	cicerone	co-operation
anxiety	buffoonery	clemency	copperas
apothecary	butchery	clientele	coppery
appellation	buttery	cogency	*cordillera
appendectomy	cadaverous	collateral	coterie
archery	cafeteria	colliery	counteract
arithmetic	cajolery	commentator	courtesan
arithmetician	calendar	commiserate	courtesy
artery	cancellation	commiseration	covenant
ascendancy	cantankerous	compensate	coventry
asseverate	carboniferous	compensation	coverage
asseveration	caret	competence	creamery
asterisk	carpenter	competent	crepedechine
asteroid	carpentry	complement	crescendo

crevasse	enema	guerrilla	lacerate
crockery	enumerate	gunnery	lateral
culdesac	enumeration	hankering	leathery
culverin	envelope	hatchery	legend
currency	ephemeral	hegemony	leniency
cutlery	equestrian	hello	lenient
deanery	exaggerate	heresy	lettering
debauchery	exaggeration	heretic	leverage
debris	exasperate	heterodox	leveret
decency	exasperation	heterogeneous	liberal
decrement	exigency	hierarchy	liberality
deferential	exonerate	hinderance	liberate
deficiency	expediency	hosiery	limerick
degeneracy	feathery	humerus	lingerie
deliberate	federal	hygienist	literal
deliberation	federate	hymeneal	literary
delinquency	federation	hymenoptera	literate
deliverance	felucca	illiterate	literature
delivery	feverish	incarcerate	livery
demagoguery	finery	incarceration	lottery
dependency	fingering	incinerate	machinery
desiderata	fishery	indecent	mackerel
desperado	flagellation	inebriety	magnetism
desperate	flattery	inferential	mannerism
despondency	fluency	innumerable	marguerite (M)
dietary	folderol	insufferable	marquetry
dietetic	foolery	insuperable	marvelous
dietician	foppery	intellect	masquerade
differential	forceps	interest	mastery
discovery	forgery	interim	menagerie
disheveled	formaldehyde	interregnum	mercenary
dispensation	frequency	interrelation	mercenize
distillery	frippery	interrogative	meridian
drapery	funeral	interrupt	meringue
drollery	funerary	interruption	mesmerism
drudgery	furtherance	intolerable	millinery
dysentery	gathering	intolerance	mineralogy
echelon	genera	inventory	miser
efficiency	general	invertebrate	mockery
effrontery	generality	inveterate	moderate
*elegiac	generalize	invulnerable	moderation
elementary	generate	isosceles	mummary
elephant	generation	iterate	murderess
elevate	generosity	itinerant	murderous
elevation	generous	itinerary	napery
Elizabeth	geometry	jittery	nomenclature
emblematic	gibberish	jobbery	numeral
embroidery	glycerin	jugglery	numerator
emendation	greenery	juvenile	numerous
emergency	grocery	knavery	nursery

obliterate	presentation	serenade	timbering
obstetrician	presidency	several	tolerable
ocelot	preterit	sewerage	tolerance
offering	proficiency	shellac	tolerate
enerous	progeny	shimmery	toleration
operate	prosperous	shivery	tracery
operation	protuberance	showery	transparency
operetta	prudery	shrubbery	treacherous
ornery	psaltery	silvery	treachery
ostentation	puerile	sixpenny	trickery
papery	pulverize	slanderous	trumpery
parvenu	pungency	slavery	tubercous
pauperism	quackery	slippery	ulcerate
pauperize	raillery	slumberous	unconquerable
pelagic	recovery	smattering	unfaltering
pellagra	recuperate	smithereens	unutterable
pellucid	recuperation	soldiery	unwavering
peninsula	referee	solemnize	urgency
peppery	referendum	solvency	uterus
perambulate	refinery	sorcery	utterance
peremptory	refrigerate	souvenir	valedictory
perennial	refrigeration	spidery	valentine
perfumery	regency	spinneret	vaseline
peroxide	reiterate	stenographer	vedette
perpendicular	relevant	sterility	velour
perusal	remuneration	stevedore	venerate
peruse	revelation	subterranean	veneration
pestiferous	reverberate	sufficiency	venereal
petite	reverberation	surgery	veranda
petition	reverend	surreptitious	viosterol
petroleum	reverential	suzerain	viscera
petunia	reverie	swimmeret	vituperation
phylactery	revery	syenite	vociferate
piety	rhinoceros	tangerine	vociferous
plastering	robbery	tannery	vulnerable
ponderous	roguey	telegrapher	watery
popery	rookery	tempera	weathering
pottery	rubberize	tendency	witchery
powdery	saleratus	terrific	wolverine
preferable	scenery	thievery	yestereve
preferential	scientific	thunderous	zeppelin
preposterous	scullery	tigerish	

18.2b e in final unstressed endings ence and ent, where n is not syllabic, as in agent ['eɪdʒənt], conference ['kɒnfərənts].

abandonment	abridgement	abutment	accouterments
abasement	absence	accidence	accoutrements
abatement	absent -adj.	accident	achievement
anhorrence	absorbent	accompaniment	acknowledgment
abhorrent	abstinence	accomplishment	acquiescence

acquiescent	banishment	confluence	difference
acquirement	basement	confluent	different
adherence	battlement	congruence	diffidence
adherent	belligerence	congruent	diffident
adjacent	belligerent	conscience	diligence
adjournment	beneficence	consignment	diligent
adjustment	beneficent	consistence	disbursement
adolescence	benevolence	consistent	discernment
adolescent	benevolent	constituent	disillusionment
adornment	bereavement	contentment	dismemberment
advancement	betterment	continence	disparagement
advertisement	bewilderment	continent	displacement
advisement	blandishment	contingent	dissentient
afferent	bombardment	convalescence	divergence
affluence	cantonment	convalescent	divergent
affluent	casement	convenience	divorcement
agent	cerement	convenient	document
aggrandizement	chastisement	convent	efferent
agreement	circumambient	convergence	effervescence
ailment	circumference	convergent	effervescent
alignment	clement	corpulence	efficient
aliment	client	corpulent	efflorescence
alinement	coalescence	correspondence	effulgence
allotment	coefficient	correspondent	element
allurement	coexistence	crescent	elopement
amazement	cogent	current	eloquence
ambient	coherence	curtailment	eloquent
amendment	coherent	decadence	embalment
amusement	coincidence	decadent	embankment
ancient	coincident	decent	embarrassment
announcement	commandment	decrement	embellishment
apartment	commencement	deference	embezzlement
apparent	commitment	deficient	emblazonment
appointment	compartment	defilement	embodiment
apportionment	competence	dehiscent	embroilment
appraisement	competent	delinquent	emergence
arbitrament	complacence	deliquescent	emergent
argent	complacent	department	eminence
argument	complement	dependence	eminent
armament	compliment	dependent	emolument
arraignment	component	deponent	employment
arrangement	concealment	deportment	enactment
assessment	concernment	derangement	encampment
assignment	concurrence	despondence	enchantment
assortment	concurrent	despondent	encouragement
astonishment	condiment	detachment	encroachment
astrigent	condolence	deterrent	endearment
atonement	conference	dethronement	endorsement
attachment	confidence	detriment	endowment
attainment	confident	development	enforcement
audience	confinement	devilment	

enfranchisement	garment	insistence	obedient
engagement	government	insistent	obsolescence
enhancement	gradient	insolence	occident
enjoyment	grandiloquence	insolent	occurrence
enlargement	grandiloquent	installment	ointment
enlightenment	habiliment	instrument	omnipotence
enrichment	halfpence	insurgent	omnipotent
enrollment	hatchment	integument	omnipresence
enslavement	haven't	intelligence	omnipresent
entanglement	imminence	intelligent	omniscience
entertainment	imminent	interference	omniscient
enticement	impairment	interment	opalescent
entombment	impeachment	intrenchment	opponent
entrenchment	impediment	investment	opulence
envelopement	impertinence	iridescence	opulent
environment	implement	iridescent	orient (O)
equipment	impotence	judgement	ornament
equivalent	impotent	judgment	parchment
escapement	impoverishment	lambent	parent
escarpment	impressment	lenient	parlement
essence	imprisonment	licence	parliament
establishment	improvement	ligament	patience
estrangement	impudence	lineament	patient
evanescence	impudent	liniment	pavement
evanescent	incandescence	lodgment	payment
evidence	incandescent	lucent	pediment
evident	incidence	magnificence	pendent
excellence	incident	magnificent	penitence
excellent	incipient	magniloquence	penitent
excitement	incitement	maladjustment	permanence
excrement	inclement	malevolence	permanent
excrecence	incoherence	malevolent	persistence
exigent	increment	maltreatment	persistent
existence	incumbent	management	pertinent
existent	indictment	margent	pestilent
expedience	indigence	measurement	pestilence
expedient	indigent	medicament	phosphorescence
experience	indolence	medicament	phosphorescent
experiment	indolent	merriment	pigment
exponent	indorsement	moment	placement
fervent	inducement	monument	postponement
figment	indulgence	movement	preachment
filament	indulgent	munificence	precedence
firmament	inexpedient	nascent	precedent
Florence	inference	negligence	predicament
fluent	influence	negligent	preference
fluorescence	infringement	nescience	preferment
fragment	ingredient	nourishment	prescience
fraudulent	inherent	nutrient	presence
frequent	innocence	nutriment	present
fulfillment	innocent	obedience	presentiment

presentment	refreshment	sapient	supplement
president	refulgent	science	talent
prevalence	regent	sediment	tangent
prevalent	regiment	sentence	temperament
proficient	reinforcement	sentient	tenement
prominence	reinstatement	sentiment	testament
prominent	reminiscence	sequence	threepence
pronouncement	renaissance	serpent	torrent
proponent	renouncement	settlement	tournament
providence	repayment	severance	transcendent
provident	repellent	shipment	transference
prudence	replacement	silence	transient
prurient	replenishment	silent	translucent
pungent	requirement	sixpence	transparent
punishment	resentment	solvent	treatment
puzzlement	resettlement	somnolence	truculent
quiescence	residence	somnolent	tuppence
quintessence	resident	statement	turbulence
quotient	resilient	stringent	turbulent
raiment	resistant	submergence	twopence
ravishment	resplendent	subsequent	unguent
recent	reticence	subservient	urgent
recipient	reticent	subsistence	vehemence
reconciliation	retirement	subsistence	vehement
recrudescence	retrenchment	succulence	vestment
recumbent	reverence	succulent	violence
recurrence	reverent	sufficient	violent
recurrent	rudiment	supereminent	wonderment
redolent	sacrament	superintendence	
reference	salient	superintendent	
refinement	sapience		

18.2c e in unstressed final syllables, el, em, and en of most words. A few words ending in en, particularly those with front vowels in the stem, show regional variation and are pronounced either [ə] or [ɪ]. See section 18.19c.

abdomen	boatmen	chancel	crewel
acumen	blacken	chapel	cruel
alien	bounden	chasten	cudgel
angel	bracken	cheapen	dampen
anthem	brazen	chisel	damsel
apparel	broken	chosen	darken
ashen	brothel	christen	deafen
barrel	burthen	citizen	deepen
barren	bushel	cloven	denizen
bedizen	calomel	coarsen	dizen
beechen	camel	cockerel	doggerel
bevel	cancel	cognomen	doggerel
bezel	caramel	counsel	dowel
birchen	carpel	craven	dozen

drive	hempen	partaken	soften
driven	hovel	petrel	solemn
drunken	hymen	pickerel	sorrel
duel	hyphen	pommel	spaniel
earthen	item	problem	spoken
easel	label	pummel	squirrel
eleven	laurel	quarrel	stamen
emblem	leaven	quicken	stiffen
enamel	lengthen	raven	stolen
enliven	lenten (L)	regimen	stratagem
evangel	level	requiem	stricken
even	libel	revel	sunken
fallen	liken	ripen	swivel
fasten	linden	risen	swollen
flamen	listen	riven	taken
flaxen	liven	roughen	tandem
freshen	loosen	rowel	tassel
fuel	mackerel	sachem	theorem
gavel	marvel	satchel	thicken
given	mayhem	scalpel	timbrel
glisten	minstrel	scoundrel	tinsel
golden	misshapen	seamen	token
gospel	mizzen	sequel	totem
gravel	moisten	seven	toughen
graven	molten	shaken	trammel
grovel	mongrel	sharpen	travel
gruel	morsel	shaven	tumbrel
gulden	noel (N)	shekel	vessel
hansel (H)	oaken	shovel	vixen
happen	often	shrivel	vowel
harem	omen	shriven	waken
harken	open	shrunk	weaken
hasten	oriel	sicken	weasel
haven	oxen	silken	workmen
hazel (H)	oxygen	slacken	woven
hearken	panel	sloven	xylem
heaven	parcel	snivel	

18.3a o in unstressed syllables, as in aromatic ['æromætɪk], molest [meɪ'lest], plutocrat ['plutekræt]. The more familiar words in this list may sometimes be pronounced with pure [o] instead of [ə], as in astrolabe ['æstrolərb].

abandon	accustom	aeon	amazon (A)
abbot	acrobat	aeronaut	ameliorate
abdomen	acropolis	aeroplane	ammonite
absolute	admonition	agonize	amorous
accessory	adoration	agony	amphora
accommodate	advisory	alcohol	anachronism
accommodation	advocacy	almond	analogous
accordion	advocate	almoner	analogy

anatomist	authorization	bottom	chlorophyll
anatomy	authorize	*bouillon	cholesterol
anehovy	autobiography	broccoli	chronological
anemone	autocrat	bullion	chronology
angina pectoris	autograph	bullock	chronometer
antagonism	automatic	buncombe	cinematograph
antagonize	automaton	bunion	cinnamon
anthology	automobile	burdensome	citron
anthropology	automobilist	burgomaster	clamorous
antiphonal	automotive	buttocks	clarion
antipodes	autonomous	buxom	clarinet
antonym	autonomy	caisson	cocomut
aphorism	*autopsy	caldron	cocoon
apologetic	avocado	calomel	collaborate
apologia	awesome	calorie	collaboration
apologize	axiom	calorimeter	collaborator
apologue	axiomatic	camelopard	collapse
apology	backgammon	camion	*collate
apostolic	bacon	camomile	collateral
apostrophe	bacteriological	cannon	collation
apothegm	bacteriologist	canon	collect -v.
appendectomy	bacteriology	canonization	collection
apron	balcony	canonize	collective
apropos	ballot	canopy	collegian
archaeological	bannock	canton	collegiate
archaeologist	baron	cantonal	collide
archaeology	baronet	canyon	collision
archon	battalion	caparison	collodion
argosy	bayonet	carbon	colloidal
aristocrat	beacon	carbonate	collop
armorer	beckon	carboniferous	colloquial
armory	*behemoth	carbonize	colloquy
aromatic	benevolence	carborundum	collusion
arrogance	benison	carnivorous	collusive
arrowy	besom	carol	cologne
arson	bigot	carom	colon
ascot	billion	carriion	colonial
asphodel	biographical	carrot	colonist
astrologer	biologic	cassock	colonization
astrological	biology	catastrophe	colonize
astrology	biotite	cauldron	colonnade
astronomer	bishop	cellophane	colony
astronomical	bison	centurion	colophon
astronomy	blazon	champion	coloring
atmosphere	blithesome	chanson	colorist
atmospheric	blossom	cheviot	coloration
atom	bobolink	chevron	colossal
atomizer	boredom	chiaroscuro	colossus
atomy	bosom	chicory	columnar
atrophy	Boston	chiffonette	*combat
authoress	bothersome	chiffonier	*combative

combine	compatriot	conceptual	conformity
combustible	compeer	concern	confound
combustion	compel	concert -v.	confront
comedian	compendious	concerted	confuse
comediienne	compendium	concession	confusion
comestible	compensatory	conciliate	confute
command	compete	conciliation	congeal
*commandant	competitive	conciliatory	congenial
commemorate	competitor	concise	congeniality
commemoration	compile	conclude	congenital
commence	complacence	conclusion	congest
commend	complacency	conclusive	congestion
commensurate	complacent	concoct	conglomerate
commercial	complain	concoction	conglomeration
commercialize	complainant	concomitant	congratulate
commingle	complaint	concur	congratulation
commiserate	complaisance	concurrence	congratulatory
commiseration	complaisant	concurrent	congressional
commission	complete	concussion	conjectural
commit	completion	condemn	conjecture
committal	complexion	condense	conjoin
committee	complexity	condign	conjunction
commode	compliance	condition	conjuncture
commodious	compliant	condole	*conjure
commodity	complicity	condolence	connect
commodore	comply	condone	connection
common	component	conduce	connexion
commonalty	comport	conducive	connivance
commonweal	compose	conduct -v.	connive
commotion	composite	conduction	connote
communal	composition	conductive	connubial
commune	composure	confabulate	conscript -v.
communicable	compound -v.	confectionery	conscription
communicant	compress -v.	confederacy	consecutive
communicate	compression	confederate	consensus
communication	comprise	confederation	consent
communicative	compromise	confer	conservatism
communio <u>n</u>	comptroller	confess	conservative
communiqu <u>e</u>	compulsion	confession	conservatory
community	compulsive	confetti	conserve -v.
commute	compulsory	confide	consider
companion	compunction	confiding	considerable
companionate	compute	configuration	considerate
comparative	conceal	confine	consideration
compare	concede	confinement	consign
comparison	conceit	confirm	consist
compartment	conceivable	confirmatory	consistence
compassion	conceivably	confiscate	console -v.
compassionate	conceive	confiscatory	consolidate
compatibility	concentric	conflict -v.	consolidation
compatible	conception	conform	consolingly

consonance	contrast -v.	coronet	demonstrator
consonant	contribute	corporal	deodorant
consort -v.	contributory	corporation	deodorize
conspicuous	*contrite	corral	deposition
conspiracy	contrition	correct	dermatologist
conspire	contrivance	correction	desolate
constabulary	contrive	correlative	despot
constituency	control	corroborate	despotism
constituent	controversial	corroboration	deteriorate
constrain	controversy	corrode	deterioration
constrict	*contumely	corrosion	develop
constriction	contusion	corrosive	devolution
construct -v.	comandrum	corrupt	diagonal
construction	convection	corruption	diamond
construe	convene	cosmogony	diapason
consult	convenience	cosmos	dinosaur
consume	conventicle	crayon	diocese
consummate -adj.	convention	creosote	diorite
consumption	conventional	criminologist	diplomat
consumptive	convergence	criminology	diplomatic
contagion	converge	crimson	director
contagious	conversant	criterion	directory
contain	converse	crocodile	disconcert
contaminate	conversion	cumbersome	disconsolate
contamination	convert -v.	cupola	discontent
contemn	converter	cursor	dissolute
*contemplate	convertor	custody	dissolution
contemporaneous	convertible	custom	doctoral
contemporary	*convex	customary	doctorate
contempt	convexity	cyanogen	dolomite
contemptuous	convey	cynosure	dolorous
contend	conveyance	daemon	domestic
content -v.	convict -v.	daffodil	dominion
contention	conviction	daguerreotype	donjon
contest -v.	convince	damson	doxology
contestant	convincing	dandelion	dragon
contiguous	convivial	darksome	dukedom
contingency	convoke	deacon	ebon
continual	convolvulus	debonair	ebony
continuance	convolution	decompose	echinoderm
continue	convoy -v.	decorate	economic
continuous	convulse	decoration	economist
contort	convulsion	decorative	economize
contortion	convulsive	decorous	ectoderm
contract -v.	cormorant	dedication	elaborate
contractile	corolla	democrat	elaboration
contraction	corona	demon	electoral
contractual	coronal	demonology	electorate
contralto	coronal	demonstrable	electrocute
contraption	coronation	demonstrate	electrocution
*contrary	coroner	demonstration	electrolyte

elo <u>qu</u> tion	felony	harmony	incontestable
elo <u>qu</u> ence	flageo <u>l</u> et	hassock	indissoluble
embolism	flagon	havoc	inexorable
embryology	flavoring	heathendom	ingot
encyclopedia	fluorescence	hegemony	*inmost
entomological	fluoride	helot	*innermost
entomologist	forever	herbivorous	innocence
entomology	foursome	heron	innocent
envelop	freedom	heterodox	insectivorous
environ	frivolous	heterogeneous	insolence
ephed	frolicsome	hexagon	insolent
episcopal	fulsome	hexagonal	insomuch
epistemology	galliot	hickory	introduce
epitome	gallon	hillock	introduction
epoch	gallop	hippodrome	introductory
equivocal	gamesome	hippopotamus	introspection
equivocate	gammon	histology	invigorate
equivocation	ganglion	history	involute
escallop	garrison	holla	involution
espionage	gasoline	holocaust	iodide
ethnological	gastronomy	homologous	iodine
ethnology	gastropod	honorable	iodoform
etymological	genealogy	honorary	ion
etymology	geographic	horizon	ionization
eulogistic	geologic	horoscope	isolate
eulogize	geologist	hummock	irksome
eulogy	geology	humorist	irony
euphony	geometric	humorous	irreconcilable
Europe	gibbon	hydrogen	irrevocable
evaporate	*gladiola	hydrophobia	isobar
evaporation	gladsome	hygroscopic	ivory
evolution	glamorous	hypnotism	jargon
exodus	gondola	hypnotize	juxtaposition
expectorate	gondolier	hypocrite	kaleidoscope
expectoration	gonfalon	hypodermic	kaoline
exploration	gorilla	hyssop	*kapok
exposition	gramophone	ichneumon	keelson
extemporaneous	grandiloquence	ichthyosaurus	kilogram
extempore	gruesome	ideology	kilometer
extemporize	gryphon	idiocy	kingdom
factorize	guillotine	idiom	lanceolate
factory	gyroscope	idiot	legion
faggot	haddock	ignoramus	lemon
fagot	halcyon	ignorance	leprosy
falcion	halogen	ignorant	lesson
falcon	hammock	illusory	lexicon
fathom	handsome	impersonate	*liaison
favorable	hansom	impersonation	Lincoln
favorite	harborage	incommensurable	lion
fearsome	harlot	incongruity	liquorice
felon	harmonize	inconsolable	littoral

leathsome	million	orthodox	phantom
locomotion	mineralogy	orthographic	pharmacological
locomotive	minion	paddock	pharmacology
London	molasses	paleontology	pharmacopoeia
lonesome	molest	panoply	philanthropy
lotos	monastic	panorama	philological
maelstrom	monocle	pantheon	philology
maggot	monody	pantomime	philosophic
malecontent	monogamy	parabola	philosophy
malevolent	monograph	parallelogram	phonograph
mammoth	monologue	parody	phosphorescence
mandragora	monoplane	paroxysm	phosphorous
mangonel	monopoly	parrot	photograph
manufactory	monosyllabic	parson	photographic
marionette	monosyllable	pastoral	photography
marjoram	monotone	pastorate	photoplay
marmoset	monotonous	pathogenic	phraseology
marmot	monotony	pathological	phrenology
martyrdom	monsieur	pathology	physiognomy
masset	morocco (M)	patriot	physiographic
mason	morphology	patriotism	physiological
mastodon	morphological	patron	physiology
matron	mosquito	patronize	piccolo
mattock	motorist	pavilion	pillory
mausoleum	million	pillion	pilot
mayonnaise	myrmidon	pinion	pinon
mayoralty	mythological	pectoral	pioneer
medallion	mythology	pennon	piston
meddlesome	napoleon (N)	pentagon	pivot
melodeon	necropolis	pentagonal	plankton
melodrama	neighboring	pentathlon	plastron
melody	nicotine	peon	plethora
melon	nineompoop	peony	* plethoric
memorandum	nitrogen	percolate	plutocrat
memorize	noisome	peremptory	poison
memory	noncommittal	perforate	police
metabolism	notoriety	perforation	political
metamorphosis	obsolete	perfunctory	pollock
meteorite	octagon	pergola	pollute
meteorological	octagonal	perihelion	pollution
meteorology	octopus	period	polygamy
method	odoriferous	periodicity	polygonal
metropolis	odorous	peritoneal	postilion
metronome	oleomargarine	peritonitis	potassium
metropolitan	omnivorous	persimmon	potato
mezzotint	onion	person	potential
microphone	opinion	personality	potentiality
microscope	opposite	personnel	preposition
microscopic	ornithological	petrol	princedom
mignonette	ornithology	phagocyte	prioress

priory	propulsion	refractory	singleton
procedure	prosody	region	siphon
proceed	prospective	religion	society
procession	prospector	resolute	sociological
proclaim	protagonist	resolution	sociology
prodigious	protect	resonance	solicit
produce -v.	protection	resonator	solicitation
producer	protectorate	revocation	solicitude
production	protest -v.	revolution	solidification
profane	protocol	rhapsody	solidify
profanity	protoplasm	rheostat	solution
profess	prototype	rhetoric	sonata
profession	protozoan	rhetorician	sonorous
professor	proverbial	rhinoceros	soporific
proficiency	provide	rhododendron	soprano
proficient	provincial	ribbon	sorority
profound	provision	ricochet	spectroscope
profuse	proviso	rigorous	spermatozoan
profusion	provocation	riot	spigot
progress -v.	provocative	rococo	squadron
progressive	provoke	rococo	stallion
prohibit	*provost	romantic	*stanhope
prohibitive	psalmody	rotogravure	stereoscope
prohibitory	psychological	sabotage	stethoscope
project -v.	psychology	saffron	stolidity
projectile	pulmonary	salmon	succotash
projection	purpose	satisfactorily	suffocate
prolific	pyorrhea	satisfactory	suffocation
prolong	python	savory	summon
promiscuous	quarrelsome	saxophone	supervisory
promontory	rancorous	scallop	supposition
promote	random	scopolamine	sycophant
pronounce	ransom	scrupulous	syllogism
pronunciation	reason	scullion	symbol
propel	reciprocal	scion	symbolise
propensity	reciprocate	second	symphony
prophetic	reciprocation	seldom	symptom
propinquity	recognition	semolina	synchronize
propitiate	recognize	senorita	syncopate
propitiation	recollect	sensory	syncopation
propitious	recollection	serfdom	synod
proponent	recommend	sermon	synonym
proportion	recommendation	sexton	taboret
proposal	recompense	shallop	tailoring
propose	reconcile	shibboleth	talon
proposition	reconciliation	signorina	tamoshanter
propound	recondite	signory	tatterdemalion
proprietary	reconnoiter	silicon	taxonomy
proprietor	rectory	simony	technocrat
propriety	refectory	simpleton	technological

technology	tobacco	turbot	violoncello
telephony	toboggan	tussock	*vitriol
temporal	today	twosome	vocabulary
temporary	together	typographical	voluminous
temporize	toilsome	union	voluptuous
tendon	tomato	unison	wagon
tenon	tomorrow	valorous	wainscot
terminology	tonight	vaporization	wallop
terrorism	toothsome	vaporize	Washington
terrorize	topographical	vaporous	weapon
theogony	*topmost	vapory	wearisome
theologian	*toward	venison	welcome
theological	traitorous	venom	whilom
theology	trajectory	ventriloquist	wholesome
theorem	transom	venturesome	winsome
theoretical	treason	vermillion	wisdom
theorize	tremolo	vigorous	xylophone
theory	tricotine	viol	zealot
theosophist	trigonometrical	violate	zoological
thermos	trigonometry	violation	zoologist
thermostat	trillion	violence	zoology
thralldom	trilogy	violent	
timorous	troublesome	violet	
tiresome	trunnion	violin	

18.3b o in initial unstressed syllables, as in oblige [əblaidʒ]. See section 14.13 for words with initial o pronounced [o].

object -v.	observance	obtuse	opinion
objection	observant	obverse	opossum
objective	observatory	occasion	opponent
oblate	observe	occlude	oppose
oblation	obsess	occlusion	oppress
obligatory	obsession	*occult	oppression
oblige	obsidian	occur	opprobrious
oblivion	obstetric	occurrence	opprobrium
obnoxious	obstreperous	o'clock	original
obscene	obstruct	offend	originality
obscenity	obstruction	offense	originate
obscure	obtain	official	
obsequious	obtrude	officiate	

18.3c o in the unstressed endings sion and tion, as in adoption [ə'dɒpʃən, ə'dɒpsən], ascension [ə'sɛntʃən]. For complete list of words ending in ition, see section 2.2e. For words ending in ation, see section 12.2b.

abduction	abortion	absorption	abstraction
ablution	absolution	abstention	accession

accretion	condescension	dictionary	extraction
action	conduction	diffraction	extrusion
addiction	confection	diffusion	faction
adhesion	confectionery	digestion	fashion
admission	confession	digression	fiction
adoption	confusion	dilution	fission
affection	congestion	dimension	fluxion
affectionate	congressional	diminution	fraction
affliction	conjunction	direction	friction
aggression	connection	discretion	function
allusion	connexion	discussion	genuflection
animadversion	conscription	dispersion	gumption
apportion	constitution	disruption	illusion
apprehension	constriction	dissection	immersion
ascension	construction	dissension	impression
ascription	consumption	dissolution	impulsion
aspersion	contention	distension	inception
assertion	contortion	distention	incursion
assumption	contradiction	distinction	induction
attention	contraption	distortion	infection
attraction	contravention	distracton	inflection
attribution	contribution	distribution	infliction
auction	contusion	diversion	infusion
aversion	convection	ejection	injection
benediction	convention	election	inscription
caption	conversion	electrocution	insertion
caution	conviction	elocution	inspection
cession	convolution	emission	institution
circumlocution	convulsion	emotion	instruction
circumscription	correction	emulsion	insurrection
circumspection	corrosion	erection	intention
coeducational	corruption	erosion	intercession
coercion	deduction	eruption	interjection
cohesion	defection	eviction	interruption
collection	deflection	evolution	intervention
collusion	dejection	exaction	introduction
combustion	delusion	exception	intrusion
commotion	depiction	exclusion	invention
compassion	depletion	excretion	inversion
completion	depression	excursion	irruption
complexion	dereliction	execution	junction
comprehension	description	exemption	jurisdiction
compression	desertion	exertion	lesion
compulsion	destitution	exhaustion	liquefaction
compunction	destruction	expansion	locomotion
conception	detection	explosion	locution
concession	detention	expression	lotion
conclusion	detracton	expulsion	malediction
concoction	devolution	extension	mansion
concretion	devotion	extinction	mention
concussion	diction	extortion	mission

action	presumption	repercussion	seduction
action	pretension	repletion	selection
objection	prevention	reprehension	session
obsession	procession	repression	solution
obstruction	production	repulsion	subjection
occlusion	profession	resolution	submission
omission	profusion	restitution	subscription
oppression	progression	restriction	substitution
option	projection	resumption	subtraction
passion	promotion	resurrection	subvention
pension	proportion	retention	subversion
perception	propulsion	retraction	succession
percussion	prosecution	retribution	suction
perfection	protection	retrogression	suffusion
permission	question	retrospection	suggestion
persecution	reception	reversion	suppression
perversion	recession	revolution	suspension
pollution	recollection	revulsion	tension
portion	redaction	ruction	torsion
possession	redemption	sanction	traction
portion	reduction	satisfaction	transgression
prediction	refection	secession	unction
preemption	reflection	seclusion	version
prehension	refraction	secretion	
prescription	rejection	section	

18.3d o in the unstressed ending ous, as in cautious ['kəʃəs].

abstemious	auspicious	carnivorous	copious
acrimonious	autonomous	cartilaginous	courageous
adulterous	avaricious	cautious	courteous
advantageous	barbarous	cavernous	covetous
adventitious	beauteous	censorious	credulous
adventurous	bigamous	ceremonious	cumbrous
albuminous	bilious	chivalrous	cuprous
ambidextrous	bituminous	circuitous	curious
ambiguous	blasphemous	citrous	cutaneous
ambitious	boisterous	clamorous	dangerous
amorous	bounteous	commodious	deciduous
amorphous	bulbous	compendious	decorous
amphibious	burglarious	coniferous	deleterious
analogous	cadaverous	conscientious	delicious
anomalous	calamitous	conscious	delirious
anxious	calcareous	conspicuous	desirous
aqueous	callous	contagious	devious
arduous	calumnious	contemporaneous	dexterous
arsenious	cantankerous	contemptuous	dextrous
assiduous	capacious	contentious	diaphanous
atrocious	capricious	contiguous	dicotyledonous
audacious	captious	continuous	dioecious
auriferous	carboniferous	contumacious	disastrous

dolorous	heterogeneous	marvelous	outrageous
dubious	hideous	marvellous	parlous
duteous	hilarious	mellifluous	parsimonious
egregious	homogeneous	melodious	pendulous
electrophorus	homologous	membranous	penurious
emulous	humorous	meretricious	perfidious
enormous	idolatrous	meritorious	perilous
envious	igneous	metalliferous	pernicious
erroneous	ignominious	meticulous	pertinacious
expeditious	illustrious	miraculous	pestiferous
extemporaneous	imperious	miscellaneous	phosphorous
extraneous	impervious	mischievous	pious
fabulous	impetuous	momentous	piteous
facetious	impious	monacious	plenteous
facticus	incestuous	monogamous	poisonous
fastitious	incongruous	monotonous	pompous
fallacious	indigenous	monstrous	ponderous
famous	industrious	mountainous	populous
fastidious	infamous	mucilaginous	porous
fatuous	infectious	mucous	portentous
felicitous	ingenious	multifarious	posthumous
felonious	ingenuous	multitudinous	precarious
ferocious	iniquitous	murderous	precious
ferrous	injurious	mutinous	precipitous
fibrous	innocuous	mysterious	precocious
fictitious	insectivorous	nauseous	preposterous
flagitious	insidious	nebulous	presumptuous
flirtatious	instantaneous	necessitous	pretentious
fortuitous	invidious	nectareous	previous
frivolous	jealous	nefarious	prodigious
fungous	joyous	nervous	promiscuous
furious	judicious	nitrogenous	propitious
garrulous	laborious	nitrous	prosperous
gaseous	languorous	notorious	pugnacious
gelatinous	lascivious	noxious	punctilious
generous	lecherous	numerous	pusillanimous
glamorous	leguminous	nutritious	querulous
glaucous	leprous	oblivious	rancorous
glorious	libelous	obnoxious	rapacious
glutinous	libellous	obsequious	rapturous
gluttonous	licentious	obstreperous	raucous
gorgeous	litigious	obvious	ravenous
gracious	loquacious	odious	rebellious
gratuitous	ludicrous	odoriferous	religious
gregarious	lugubrious	odorous	repetitious
grievous	luminous	officious	resinous
harmonious	luscious	ominous	ridiculous
hazardous	lustrous	omnivorous	righteous
heinous	luxurious	onerous	rigorous
herbaceous	magnanimous	opprobrious	riotous
herbivorous	malicious	ostentatious	robustious

ruinous	spirituous	tortuous	veracious
sacrilegious	spontaneous	torturous	verdurous
sagacious	spurious	traitorous	verminous
salacious	strenuous	treacherous	vexatious
salubrious	studious	treasonous	vicarious
sanctimonious	stupendous	tremendous	vicious
scandalous	subterraneous	tremulous	victorious
scrupulous	sulphureous	troubled	vigorous
scurrilous	sulphurous	tuberculous	villainous
sebaceous	sumptuous	tuberous	vinous
seditious	supercilious	tumultuous	virtuous
sedulous	superfluous	tyrannous	viscous
sensuous	superstitious	ubiquitous	vitreous
sententious	surreptitious	umbrageous	vivacious
serious	suspicious	unanimous	viviparous
serous	synchronous	unctuous	vociferous
siliceous	synonymous	uproarious	voluminous
simultaneous	tantalous	usurious	voluptuous
sinuous	tedious	vacuous	voracious
slanderous	tempestuous	valorous	wondrous
slumberous	tenacious	vaporous	xanthous
solicitous	tendinous	various	zealous
sonorous	tenuous	venomous	
spacious	thunderous	venous	
specious	timorous	venturous	

18.4a u in unstressed syllables, as in locust ['loukəst], success [sək'ses], gymnasium [dʒim'neɪziəm].

acanthus	amis	bankruptcy	candelabrum
accumulate	apparatus	barium	capsule
adventurer	aquarium	begum	caput
adventuress	arbutus	bismuth	carborundum
adventurous	architectural	bogus	carburetor
afflatus	argument	bonus	catchup
agricultural	arquebus	bosun	catsup
agriculturist	asbestos	bronchus	caucus
alarum	asparagus	buffoon	cellular
album	asphaltum	byssus	celluloid
alum	asylum	cactus	census
aluminum	atheneum	cadmium	century
alumnus	atrium	caduceus	cerebellum
alveolus	auditorium	caecum	cerebrum
allyssum	August	calamus	cerium
ambulance	autumn (A)	calcium	cherub
ambuscade	avoirdupois	calculate	cherubim
ammonium	azimuth	calculus	chestnut
ammunition	bacillus	callus	chirrup
amputate	bacterium	calumny	chorus
animus	baluster	cambium	chromium
annum	balustrade	campus	chrysanthemum

circular	delphinium	geranium	jocund
circumambient	deputy	gerund	ketchup
circumcise	desideratum	gladiolus	laburnum
circumcision	desultory	glandular	laudanum
circumlocution	detritus	guffaw	linoleum
circumscribe	dictum	guttural	litmus
circumspect	difficult	gymnasium	locus
circumstance	difficulty	gypsum	locust
circumstantial	diminutive	halibut	lotus
circumvent	discus	harquebus	lupus
circus	document	harumscarum	luxury
cirrus	doldrums	helium	lyceum
citrus	doughnut	herbarium	magnesium
coccus	duralumin	hiatus	magnum
cocoonut	ebullition	hibiscus	malleus
coleus	educate	hiccup	manipulate
coliseum (C)	effluvia	hilum	manufacture
colossus	electrum	hippopotamus	manuscript
columbine	elysium (E)	hocuspocus	masculine
column	emeritus	hokum	mausoleum
columnist	emporium	hoodlum	maximum
commensurate	encomium	horticultural	measurable
communism	epithalamium	horticulturist	memorandum
compendium	epithelium	hullo	meniscus
congratulate	equilibrium	humerus	mercury
conjectural	esophagus	humus	millennium
conjuror	eucalyptus	huzza	minimum
consecutive	eulogium	hydrofluoric	minus
consensus	eunuch	ichthyosaurus	miraculous
consul	executive	ignoramus	missus
consular	exeunt	ilium	modicum
consulate	exodus	illustrate	modulus
consultation	exordium	illustration	modus
consummate -v.	expostulate	illustrative	mollusk
comandrum	expostulation	immaculate	momentum
convolvulus	factotum	impetus	monument
corduroy	faculty	importune	moratorium
cormicopia	fecund	impudence	mucus
corpus	ferrule	incommensurable	mulatto
corpuscle	ferule	incubate	muscular
corrugate	figurine	indissoluble	museum
corundum	focus	infinite	mustache
cranium	fortunate	injury	mustachio
credulous	forum	instrument	narcissus
crocus	fulcrum	insular	nasturtium
cumulative	fungus	insulate	natural
cumulus	futurist	insulation	naturalize
dandruff	gamut	insurrection	nautilus
datum	garrulous	interregnum	negus
decorum	genius	isthmus	nephridium
delirium	genus	Jesus	nimbus

nestrum	rectum	submerge	suspension
nucleus	rectus	submission	suspicion
oakum	referendum	submit	suspicious
occupant	regular	subordinate	sustain
occupy	regulate	subordination	syllabus
octopus	residuum	suborn	symposium
odium	resurrect	subpoena	syrup
omnibus	resurrection	subscribe	talcum
onus	rhodium	subscription	tantalus
opium	ridiculous	subserve	tantrum
opposum	rostrum	subside	tarsus
opprobrium	rumpus	subsidence	tellurium
optimum	salebratus	subsidiary	terminus
opus	sanatorium	subsist	tetanus
ovum	sanctum	subsistence	thallus
pabulum	sarcophagus	substantial	thesaurus
palladium	saturate	subtract	thymus
pandemonium	saturation	subtraction	thyrsus
papyrus	schedule	subvert	tilbury
particular	scriptural	succeed	torturer
parturition	sedum	success	torturous
pasturage	selenium	succession	treasurer
pendulous	septum	successive	treasury
pendulum	sepulcher	succinct	tribunate
peninsula	serum	succumb	triumph
pericardium	simultaneous	suffice	tubercular
perjury	singular	sufficiency	tuberculosis
petroleum	simus	sufficient	tympanum
phosphorus	sirup	suffuse	typhus
picturesque	sorghum	suffusion	ukulele
platinum	sodium	suggest	ultimatum
plectrum	spectacular	suggestion	unless
plexus	spectrum	sulphurous	until
pomatum	speculum	superb	upon
popular	sputum	superior	uranium
portulaca	stadium	supplant	usurer
possum	status	supply	uterus
potassium	sternum	support	vacuum
prejudice	stimulate	suppose	vagus
premium	stimulus	suppository	vanadium
product	stirrup	suppress	vascular
prospectus	stratum	suppression	veilum
quantum	stratus	supreme	velum
querulous	structural	surplus	venturous
quietus	stylus	surrender	verdurous
quorum	*subaltern	surround	versus
radium	subdue	susceptibility	viaticum
radius	subject -v.	susceptible	virus
rapturous	subjection	suspect	vocabulary
rebus	sublime	suspend	volume
rectangular	sublimity	suspense	voluntary

volunteer

walnut

walrus

wampum

18.4b u in the unstressed endings ful and fully, as in awful ['ɔ:fəl], doubtfully ['daʊtfeɪl].

artful	fearful	painful	sorrowful
artfully	fearfully	painfully	sorrowfully
awful	fitful	peaceful	soulful
awfully	fitfully	peacefully	spiteful
baleful	forceful	pitiful	successful
baneful	forgetful	pitifully	successfully
bashful	fretful	playful	tactful
beautiful	fretfully	playfully	tactfully
beautifully	frightful	plentiful	tasteful
blissful	frightfully	plentifully	tastefully
blissfully	fruitful	powerful	tearful
boastful	gainful	powerfully	tearfully
bountiful	gleeful	prayerful	thankful
careful	graceful	prayerfully	thankfully
carefully	gracefully	prideful	thoughtful
changeful	grateful	pridefully	thoughtfully
cheerful	gratefully	purposeful	trustful
cheerfully	guileful	purposefully	truthful
colorful	harmful	regretful	truthfully
deceitful	hateful	regretfully	tuneful
delightful	heathful	remorseful	useful
delightfully	heedful	reproachful	usefully
despiteful	helpful	reproachfully	vengeful
despitefully	hopeful	resentful	wakeful
direful	hopefully	resentfully	wasteful
disdainful	hurtful	resourceful	watchful
disdainfully	ireful	respectful	willful
disgraceful	joyful	respectfully	willfully
distasteful	lawful	restful	wishful
distressful	lawfully	revengeful	wistful
distrustful	lustful	rightful	wistfully
doleful	manful	rightfully	woeful
doubtful	masterful	rueful	woefully
doubtfully	masterfully	ruefully	wonderful
dreadful	meaningful	scornful	wonderfully
dreadfully	merciful	scornfully	worshipful
dutiful	mercifully	shameful	wrathful
eventful	mindful	shamefully	wrathfully
faithful	mirthful	sinful	wrongful
faithfully	mournful	skillful	youthful
fanciful	mournfully	skillful	zestful
fancifully	needful	skillfully	
fateful	neglectful	slothful	

18.5 ae, ai, au, ia, ei, ou in unstressed syllables, as in villain ['vɪləɪn], restaurant ['restərɒnt].

anaesthesia	coxswain	meerschau	reveille
anaesthetic	entrails	moustache	tabouret
authoritarian	epaulet	parliament	tambourine
authoritative	foresail	parliamentary	travail
authority	hiccough	pasteurize	villain
boatswain	liaison	pharmacopoeia	wassail
camouflage	limousine	plebeian	
chautauqua	main-sail	restaurant	
courageous	maintain	restaurateur	

18.6 eo in the same unstressed syllable in the ending eon, as in luncheon ['lantʃən].

bludgeon	escutcheon	pigeon	surgeon
chirurgeon	gudgeon	punchon	truncheon
dudgeon	habergeon	scutcheon	widgeon
dungeon	luncheon	sturgeon	

18.7a [ə] is inserted between any consonant but t, d, and n and final le, as in cackle ['kækəl]. After t, d, and n, the l becomes syllabic and there is no vowel sound between them.

For complete lists of words with the endings able and ible, see sections 18.1d and 18.20c respectively.

able	bugle	dabble	fumble
amble	bungle	damnable	gabble
ample	bustle	dangle	gamble
angle	cackle	dapple	garble
ankle	carbuncle	dazzle	gargle
apostle	castle	debacle	giggle
apple	chasuble	dibble	gobble
article	chronicle	dimple	goggle
assemble	chuckle	dingle	grackle
auricle	circle	disciple	grapple
axle	clavicle	dissemble	gristle
babble	cobble	embezzle	grumble
bauble	cockle	ennoble	gurgle
bamboozle	commingle	ensemble	guzzle
bangle	conventicle	epistle	hackle
barnacle	coracle	double	haggle
bauble	corpuscule	draggle	heckle
beagle	couple	dribble	hobble
bedraggle	crackle	drizzle	humble
bicycle	crinkle	eagle	icicle
binnacle	cripple	example	indissoluble
boggle	crumble	feeble	inveigle
bogle	crumple	fickle	jangle
bramble	cubicle	fizzle	jiggle
bristle	curricule	follicle	jingle
bubble	cuticle	freckle	joggle
buckle	cycle	frizzle	jostle

juggle	prickle	snaffle	topple
jumble	principle	sniffle	tousle
jungle	purple	snuffle	trample
justle	puzzle	smuggle	treacle
knuckle	quadrangle	soluble	treble
mademoiselle	quadruple	spangle	tremble
manacle	quibble	sparkle	trestle
mangle	rabble	speckle	triangle
maple	radicle	spectacle	trickle
marble	raffle	spiracle	tricycle
mickle	ramble	sprinkle	trifle
mingle	rankle	squabble	triple
miracle	receptacle	staple	trouble
monocle	rectangle	steeply	truckle
muffle	resemble	stickle	truffle
multiple	riffle	stifle	tubercle
mumble	rifle	stipple	tumble
muscle	ripple	straggle	tussle
muzzle	rubble	strangle	uncle
nestle	ruble	struggle	vehicle
nibble	ruffle	stubble	ventricle
nimble	rumble	stumble	voluble
nipple	rumple	suckle	wabble
noble	rustle	supple	waffle
nozzle	sample	surcingle	waggle
nuzzle	scrabble	tabernacle	wangle
obstacle	scramble	table	warble
ogle	scribble	tackle	wiggle
oracle	scruple	tangle	wimple
participle	scuffle	temple	winkle
particle	shackle	tentacle	wobble
pebble	shingle	thimble	wimble
people	shuffle	thistle	wrangle
periwinkle	sickle	throstle	wrestle
pestle	siecle	tickle	wriggle
pickle	simple	tingle	wrinkle
piffle	single	tinkle	
pimple	sizzle	tipple	
pinnacle	smuggle	toggle	

18.7b [ə] is inserted between s or th and m, as in chasm ['kæzəm], rhythm ['rɪðəm]. For complete list of words with [ə] in the ending ism, see section 2.2f.

abysm	chasm	paroxysm	rhythm
aneurysm	enthusiasm	phantasm	sarcasm
cataclysm	microcosm	protoplasm	spasm

18.7c [ə] is inserted between s and n in the negative verb forms doesn't, hasn't, isn't, wasn't.

Words with [ɪ] are grouped for practice as follows:

18.8 y in final unstressed syllables, as in amply ['æmplɪ].
For words with y in the ending ity, ibly, see section 18.20c.
For words with y in ally and ably, see section 18.1d. For y
in fully, see section 18.4b.

abruptly	amazingly	argosy	barony
absently	ambulatory	aristocracy	bastardy
absolutely	amnesty	armory	battery
abstractedly	amply	army	batty
absurdly	analogy	arrowy	bawdy
academy	anarchy	artery	beady
accessory	anatomy	artillery	beamingly
accompany	ancestry	artistry	beamy
accordingly	anchovy	ascendancy	beastly
accountancy	anciently	ashy	beauty
accuracy	ancillary	assembly	beefy
accurately	angrily	assiduously	beery
acrimony	angry	assuredly	beggarly
actively	anniversary	astonishingly	beggary
adequacy	anomaly	astrology	belfry
adequately	anthology	astronomy	belly
admiralty	anthropology	asymmetry	beneficiary
admiringly	anticipatory	atomy	berry
admittedly	antimony	atrophy	bevy
admonitory	antipathy	attentively	bibliography
adroitly	antiquary	attractively	biddy
adultery	anxiety	auditory	bigamy
adversary	anxiously	augury	bigotry
adversely	any	autocracy	billowy
advisedly	apathy	autonomy	binary
advisory	apiary	autopsy	biography
advocacy	apology	auxiliary	biology
aery	apoplexy	aviary	bitterly
affectionately	apostasy	avowedly	blandly
agency	apothecary	awkwardly	blasphemy
agitatedly	apparently	axillary	blazonry
agony	appealingly	baby	blindly
airily	appendectomy	bacteriology	blithely
airy	appraisingly	baggy	blocky
alarmingly	apprehensively	bakery	bloody
alchemy	appropriately	balcony	bluntly
alertly	approvingly	balmy	blustery
alimentary	approximately	banditry	bobby (B)
alimony	aptly	bandy	bodily
allegory	arbitrarily	bankruptcy	body
allergy	arbitrary	baptistry	boggy
alternately	archaeology	baptistery	bogy
amatory	archery	barely	boisterously
amazedly	ardently	baronetcy	boldly

bonny	buttery	cherry	conclusively
bony	cabby	chicanery	confectionery
booby	caddy	chicory	confederacy
booby	cajolery	chiefly	confessedly
bosky	calmly	childishly	confidently
bossy	calory	chilly	confirmatory
botany	calumny	chivalry	confiscatory
boundary	canary	choppy	confusedly
bounty	candidacy	chronology	congratulatory
bowery	candidly	chubby	conscientiously
brainy	candy	chummy	consciously
brandy	cannery	churchly	consequently
brassy	canny	ciliary	conservatory
bravely	canonry	circulatory	considerably
bravely	canopy	citizenry	consistency
brawny	capably	city	consistently
brazenly	capillary	clammy	consistory
breathlessly	captaincy	cleanly	consolatory
breezy	caravansary	clearly	consolingly
breviary	carelessly	clemency	conspicuously
brewery	carpentry	clergy	conspiracy
bribery	carry	cleverly	constabulary
briefly	casualty	closely	constancy
briery	casuistry	cloudy	constantly
brightly	category	clumsy	constituency
brilliance	catty	clumsily	contemporary
brilliantly	cautiously	coarsely	contemptuously
briny	cavalry	cocky	contentedly
briskly	ceaselessly	cogeny	contingency
bristly	celery	coldly	continuously
broadly	celibacy	collectively	contradictory
broidery	cemetery	colliery	contrariety
brotherly	centenary	colonelcy	contrary
brushy	century	colony	contributory
brusquely	ceremony	comedy	controversy
buddy	certainly	comely	contumacy
buffoonery	certainty	commentary	contumely
buggy	chalcedony	commissary	conveniently
bulky	chalky	commonly	conversely
bully	chancery	company	convincingly
bumpy	chantry	comparatively	convulsively
bunny	chaplaincy	compensatory	cony
buoyancy	character	competency	cookery
bureaucracy	charily	complacency	cooky
burglary	charmingly	complacently	coolly
burly	chary	complementary	cooly
bury	chatty	completely	copiously
bushy	cheaply	complimentary	coppery
busily	cheerily	composedly	copy
busy	cheery	compulsory	coquetry
butchery	chemistry	conciliatory	corollary

correctly	cutlery	derby	doggy
correspondingly	daddy	derisively	dolly
cosmogony	daily	derogatory	dolly
costly	dainty	deservedly	domiciliary
cosy	daintily	designedly	dormitory
cottony	dairy	desperately	dory
country	daisy	despondency	doubly
county	dally	destiny	doughty
courageously	dandy	desulatory	dowdy
courteously	dangerously	determinedly	downy
courtesy	darkly	devilry	dowry
courtly	dastardly	deviltry	doxology
coventry	deadly	devotedly	doxy
covertly	deanery	devoutly	drapery
cowardly	dearly	dewy	draughty
cowry	deary	dexterously	dreamily
coxcombry	deathly	diary	dreamy
cozy	debauchery	dicky	drearily
crafty	decency	dictionary	dreary
craggy	decently	dietary	dressy
cranberry	decidedly	differently	drily
cranky	decisively	difficulty	drollery
cranny	declamatory	dignitary	dromedary
crawly	declaratory	dilatory	dropsy
crazily	dedicatory	diligently	drowsily
crazy	defamatory	dimity	drowsy
creamery	defiantly	dimly	drudgery
creamy	deficiency	dinghy	dryly
creepy	definitely	dingy	dubiously
criminology	deftly	diplomacy	duchy
crinkly	degeneracy	directly	ducky
crisply	dejectedly	directory	dully
crispy	deliberately	dirty	duly
crockery	delicacy	disastrously	dumbly
crony	delicately	disciplinary	dummy
crossly	deliciously	disconsolately	dummy
cruelly	delightedly	discovery	dusky
cruelty	delinquency	discreetly	dusty
crumbly	delivery	discrepancy	duty
crusty	demagoguery	discretionary	dynasty
culinary	democracy	disgustedly	dysentery
cunningly	demonology	dispensary	eagerly
curiously	demurely	distantly	early
curly	densely	distillery	earnestly
currency	dentistry	distinctly	earthly
curry	dependency	ditty	earthy
cursor	depilatory	divinely	easily
curtly	depository	dizzily	easterly
curtsy	depository	dizzy	easy
custody	deprecatory	documentary	ebony
customary	deputy	doggedly	economy

ecstasy	eulogy	faulty	fluffy
eddy	euphony	fealty	flunky
eery	evenly	fearlessly	flurry
effectively	every	feathery	foamy
effectually	evidently	February	foggy
effeminacy	evolutionary	feebly	fogy
efficacy	exactly	feelingly	folly
efficiency	exceedingly	felly	fondly
efficiently	excellency	felony	foolery
effigy	excellently	ferociously	foolishly
effrontery	excessively	ferry	foppery
eighty	excitedly	fervency	forestry
elaborately	exclamatory	fervently	forgery
elderly	exclusively	feudatory	forlornly
electrically	excretory	feverishly	formerly
eleemosynary	exemplary	fidgety	formulary
elegancy	exigency	fiduciary	fortnightly
elegantly	expectancy	fiercely	fortunately
elegy	expectantly	fiery	forty
elementary	expediency	fifthly	foundry
eloquently	expeditionary	fifty	foxy
embassy	expensively	figuratively	fragmentary
emblazonry	expertly	filly	frailty
embroidery	expiry	filmy	frankly
embryology	explanatory	filthy	freely
emergency	exploratory	finely	frenzy
emery	expressly	finery	frequency
eminently	exquisitely	finicky	frequently
emissary	extensively	finny	freshly
empty	extraordinarily	firmly	friary
endlessly	extraordinary	fishery	friendly
enemy	extremely	fishy	frilly
energy	exultingly	fitly	frippery
engineering	eyry	fixedly	frisky
enormously	factory	flabby	frosty
enquiry	faculty	flagrantly	frothy
entirely	faery	flaky	frowningly
entirety	faintly	flashy	frowzy
entomology	fairly	flatly	fully
entrancingly	fairy	flattery	functionary
entry	falconry	fleecy	funerary
enviously	fallacy	fleshly	funny
envy	falsely	fleshy	furiously
epilepsy	family	flighty	furry
episcopacy	fancy	flimsy	furtively
epistemology	fantasy	flinty	fury
equerry	fascinatingly	flippancy	fussy
erroneously	fatherly	floury	fusty
estuary	fatty	flowery	fuzzy
ethnology	fatuously	fluency	gaby
etymology	faultlessly	fluently	gaiety

gaily	gravely	hazy	hungrily
galaxy	gravy	heady	hungry
gallantly	greasy	healthy	hurdygurdy
gallantry	greatly	heartily	hurlyburly
gallery	greedily	heartly	hurriedly
galley	greedy	heathy	hurry
gastronomy	greenery	heavenly	husbandry
gaudy	grievously	heavily	husky
gauzy	grimly	heavy	hussy
gawky	grimy	hegemony	hypocrisy
gayety	grisly	helplessly	icily
gayly	gritty	Henry	icy
generously	grizzly	heptarchy	ideally
gently	grocery	heraldry	identity
gentry	groggy	hereditary	ideology
geminely	grossly	heresy	idiocy
geography	grotesquely	hesitancy	idiosyncrasy
geology	grouchy	hesitantly	idly
geometry	grubby	hesitatingly	idolatry
Germany	grudgingly	heterodoxy	ignominiously
gerrymander	gruffly	hickory	ignominy
ghastly	grumpy	hideously	ignorantly
ghostly	guaranty	hierarchy	illegitimacy
giddy	guardedly	highly	illiteracy
gilly	guilty	hillbilly	illusory
gingerly	gully	hilly	imagery
gipsy	gummy	histology	imaginary
gladly	gunnery	history	immediacy
glassy	gunny	hoarsely	immediately
gloomily	gustatory	hoary	immensely
gloomy	gusty	hobby	immunity
gloriously	GYPSY	holly	imperiously
glory	hairly	holy	impetuously
glossary	halfpenny	homely	implicitly
glossy	handsomely	homily	importantly
gluttony	handy	hominy	impotency
goby	haply	honestly	impressively
godly	happily	honesty	impulsively
golly	happy	honorary	inadequacy
goodly	hardly	hopelessly	inadvertently
goody	hardy	horny	incendiary
gorgeously	harmlessly	hosiery	incessantly
gory	harmony	hostelry	increasingly
gossipy	harpy	hotly	incredulously
gouty	harry (H)	hourly	indecently
graciously	harshly	housewifery	independently
gramercy	hastily	hugely	indignantly
granary	hasty	humanely	indiscriminately
grandly	hatchery	humanly	indulgently
granny	haughtily	humbly	industriously
grassy	haughty	humorously	industry

inebriety	jeopardy	lazily	lumpy
infamy	jerky	lazy	lunacy
infancy	jetty	leafy	lustily
infantry	jewelry	leaky	lusty
infinitely	jiffy	leathery	luxuriously
infirmity	Jimmy (J)	legacy	luxury
inflammatory	jittery	legendary	machinery
ingeniously	jobbery	legionary	madly
injury	johnnycake	legitimacy	magistracy
inky	jointly	leisurely	magnanimity
inly	jokingly	lengthy	magnificently
innocently	jolly	leniency	mahogany
inordinately	joyously	leprosy	maidenly
inquiringly	judiciary	lethargy	mainly
inquiry	judiciously	levelly	majesty
inquisitively	jugglery	levy	malady
insistently	juicy	lexicography	maliciously
insolvency	jumpy	liberty	mammary
instantaneously	jury	library	mammy
instantly	justly	lieutenancy	mandatory
instinctively	katydid	lightly	mangy
intelligently	keenly	likely	manifestly
intensely	kindly	lily	manly
intensively	kingly	listlessly	mannerly
intently	kinky	literacy	manufactory
interlocutory	kitty	literati	many
intermediary	knavery	litany	markedly
intermittently	knighterrantry	literary	marquetry
interrogatory	knightly	lithography	marry
intimacy	knobby	liturgy	marshy
intimately	knotty	levelly	marvelously
intricacy	knowingly	livery	Mary
introductory	laboratory	loamy	masonry
inveteracy	laboriously	lobby	massy
invitingly	lacy	loftily	masterly
inwardly	lady	lonely	mastery
irony	lamely	longingly	matrimony
Italy	languidly	loony	matronly
itinerancy	lanky	loosely	maxillary
itinerary	lapidary	lordly	mayoralty
ivory	larceny	lorry	mazy
ivy	largely	lottery	meadowy
janissary	lastly	loudly	mealy
janizary	lately	lousy	measly
January	latterly	lovely	meaty
jaunty	laudatory	lovingly	medullary
jealously	laughingly	lowly	meekly
jealousy	laundry	loyalty	melancholy
jeeringly	lavatory	luckily	melody
jelly	lavishly	lucky	memory
Jenny (J)	lawfully	luminary	mercenary

mercilessly	monthly	ninny	outlawry
mercury	moodily	nippy	outrageously
mercy	moody	nobly	outwardly
merely	morphology	nobody	ovary
merrily	mortuary	noddy	overly
merry	mossy	noiselessly	overwhelmingly
messy	mostly	noisily	owlishly
metallurgy	motherly	noisy	pageantry
meteorology	mouldy	nonchalantly	painstakingly
middy	muddy	northerly	paleontology
midwifery	muggy	nosy	palmistry
mightily	nummery	notary	palmy
mighty	mummy	notoriety	palsy
migratory	murky	notoriously	paltry
milady	musby	novelty	panicky
mildly	musketry	novity	panoply
military	musky	nugatory	pansy
milky	mussy	mullify	pantry
millinery	musty	numbly	papacy
mimicry	mutely	nunnery	papery
mineralogy	mutiny	nursery	papillary
ministry	mysteriously	nuttty	parliamentary
minority	mystery	obduracy	parody
minstrelsy	mythology	obediently	parry
minutely	namely	obituary	parsimoniously
miraculously	napery	obligatory	parsimony
miry	narrowly	obliquely	particularly
misanthropy	nasty	obscurely	partly
miscellany	natty	observatory	party
mischievously	naughty	obstinacy	passionately
miserly	navy	obstinately	passively
misery	navvy	obviously	pastry
missionary	nearly	occupancy	pasty
mistakenly	neatly	oddly	patently
misty	necessarily	oily	pathology
mockery	necessary	olfactory	patiently
mockingly	necromancy	oligarchy	patrimony
moderately	needlessly	ominously	patronizingly
modestly	needy	only	patty
modesty	negligently	oozy	pearly
moiety	neighborly	openly	peasantry
moldy	nervously	oratory	pebbly
momentarily	newly	orderly	peccary
momentary	newsy	ordinary	peculiarly
monarchy	nicely	organdy	pecuniary
monastery	nicety	orgy	pedantry
monetary	nifty	ornery	peltry
monody	niggardly	ornithology	penalty
mahogany	nightly	orthodoxy	penitentiary
monopoly	nimbly	orthography	penny
monotony	ninety	ostentatiously	pensively

penury	pity	prelacy	proudly
peony	pityingly	preliminary	proximately
peppery	pixy	prematurely	proxy
peppy	placidly	premonitory	prudery
peremptory	plaguy	preparatory	psalmody
perfectly	plainly	presbytery (P)	psaltery
perfidy	plaintively	presently	psychiatry
perfumery	planetary	presidency	psychology
perfunctorily	plashy	presumptively	puberty
perfunctory	pleadingly	prettily	publicity
perilously	pleasantly	pretty	pudgy
periphery	pleasantry	previously	puffy
perjury	plenary	prickly	pulmonary
perky	plenipotentiary	priestly	pulpy
permanency	plenty	primacy	pungency
permanently	pleurisy	primarily	puny
persistency	plucky	primary	puppy
persistently	plummy	princely	purely
persuasively	poesy	priority	purgatory
perversely	poetry	priory	purposely
pesky	poignancy	privacy	pursy
petty	pointedly	privately	pussy
phantasy	poky	privily	putty
pharmacology	policy	privy	pygmy
pharmacy	politely	probably	quackery
philanthropy	polyandry	probationary	quaintly
philology	polygamy	processionary	qualitatively
philosophy	pony	prodigy	quandary
phony	poorly	profanely	quantitatively
photography	popery	proficiency	quarry
phraseology	poppy	profligacy	quarterly
phrenology	popularly	profoundly	quaternary
phylactery	pornography	profusely	queasy
physiognomy	porphyry	progeny	queenly
physiography	portly	progressively	queerly
physiology	positively	prohibitory	query
pickaninny	posy	prominently	quickly
piety	potency	promissory	quietly
piggy	pottery	promonotory	quinsy
pigmy	poultry	promptly	racy
pillory	poverty	properly	radiantly
pinky	powdery	property	radiography
piny	prebendary	prophecy	raillery
piously	precautionary	propitiatory	rainy
piquancy	precedency	proportionately	rally
piracy	precipitately	proprietary	rangy
pitchy	precisely	propriety	rapidly
piteously	predatory	prosody	rarely
pithy	preeminently	prospectively	rashly
pitifully	prefatory	prosy	reactionary
pituitary	pregnancy	protectingly	readily

ready	robbery	scary	shelly
really	rocky	scenery	sherry
realty	roguery	scholarly	shiftily
recently	rolypoly	scraggly	shifty
recklessly	rockery	scraggy	shimmery
recovery	roomy	scratchy	shinny
rectory	rosary	scrawny	shiny
redundancy	rosy	scrubby	shivery
reedy	rotary	scrupulously	shoddy
refectory	rotatory	scrutiny	shortly
refinery	roughly	scullery	showery
reformatory	roundly	scurry	showy
refractory	rowdy	scurvily	shrewdly
regency	royalty	scurvy	shrilly
registry	ruby	seamy	shrubbery
regularly	ruddy	searchingly	shrubby
relatively	rudely	secondary	shyly
relevancy	rudimentary	secondly	sickly
religiously	rummy	secrecy	sightly
reluctantly	rushy	secretary	signatory
remedy	rusty	secretively	significantly
reminiscently	ruthlessly	secretly	signory
remotely	sacristy	sectary	silently
repeatedly	sadly	securely	silky
repertory	safely	sedately	silly
repository	safety	sedentary	silvery
reprovingly	sagely	sedgy	similarly
residuary	saintly	sedimentary	simony
resignedly	salary	seedy	simply
resiliently	salivary	seemingly	simultaneously
resiliency	sally (S)	seemly	sincerely
resolutely	salsify	selfishly	sinewy
respectively	salty	seminary	singly
respiratory	salutary	sensory	singularly
restlessly	sanctuary	sentry	sissy
retaliatory	sandy	separately	sisterly
revelry	sanguinary	serenely	sixty
reverently	sanitary	seriously	sketchy
reversionary	sappy	seventy	skinny
revery	satiety	severely	slantingly
revolutionary	satiny	shabby	slatternly
rhapsody	satisfactorily	shadowy	slavery
ribaldry	satisfactory	shady	sleazy
richly	saucily	shaggy	sleepily
rickety	saucy	shakily	sleety
ridiculously	savagely	shaky	slightly
rightly	savagery	shamelessly	slimy
rigidly	savory	shanty	slippery
rigorously	scaly	shapely	sloppy
risky	scanty	sharply	slovenly
rivalry	scarcely	sheeny	

slowly	spidery	stubby	sweaty
slyly	spiky	studiously	sweetly
smelly	spiny	study	swiftly
smilingly	spiry	stuffy	swimmingly
smithy	splendidly	stumpy	symmetry
smoky	spongy	stupidly	sympathy
smoothly	spontaneously	sturdily	symphony
smutty	spotty	sturdy	tabby
snaky	sprightly	sublunary	tactfully
snappy	springy	subsequently	tactically
sneaky	spunky	subserviency	taffy
snippy	squally	subsidiary	tally
snowy	squarely	subsidy	tangy
smabby	squeaky	subtlety	tannery
smugly	starchy	subtly	tapestry
soapy	starry	successively	tardy
soberly	stately	succinctly	tarry
sobriety	stationary	suddenly	tartly
society	stationery	sufficiency	tasty
sociology	statuary	sufficiently	tauntingly
softly	statutory	sugary	tawdry
soggy	steadily	suggestively	tawny
soldierly	steady	sulkily	taxonomy
soldiery	stealthily	sulky	teasingly
solely	stealthy	sullenly	technocracy
solemnly	steamy	sully	technology
solicitously	steely	sultry	teeny
solidly	steeply	summarily	telepathy
solitary	stenography	summary	telephony
solvency	sternly	sumptuary	temporarily
somberly	sticky	sundry	temporary
sonny	stiffly	sunny	temptingly
soothingly	stilly	superintendency	tenancy
soothly	stingy	supernumerary	tenantry
sooty	stocky	supervisory	tendency
sophistry	stodgy	supplementary	tenderly
sorcery	stolidly	supposedly	tensely
sorely	stony	suppository	terminology
sorority	stormily	supremacy	territory
sorry	stormy	supremely	tersely
soundly	story	surely	tertiary
sourly	stoutly	surety	testamentary
southerly	straggly	surgery	testimony
sovereignty	strangely	surly	testy
sparingly	strategy	surprisingly	theocracy
sparsely	strenuously	surreptitiously	theogony
specialty	strictly	suspiciously	theology
speculatively	strikingly	suzerainty	theory
speedily	stringy	swampy	therapy
speedy	strongly	swanky	thickly
spicy	stubbornly	swarthy	thievery

thinly	tricky	valiantly	weekly
thirdly	trigonometry	vapory	weighty
thirsty	trilogy	variety	westerly
thirty	triumphantly	variously	wheezy
thorny	trophy	vary	wherry
thoroughly	truly	vastly	whimsy
thoughtlessly	trumpety	vasty	whiningly
thriftily	trusty	veery	whinny
thrillingly	tumultuary	vehemently	wholly
throaty	tunny	velvety	wickedly
tiddlywinks	tutelary	venery	widely
tidy	twenty	venomously	wifely
tightly	typography	verily	wiggly
tilbury	tyranny	very	wildly
timely	ugly	vestry	willingly
timelessly	ultimately	veterinary	willowly
timidly	unanimously	vibratory	willynilly
tinny	unceasingly	vicariously	windy
tiny	unceremoniously	viciously	wintry
tipsy	unconcernedly	victory	wiry
toady	undoubtedly	vigorously	wisely
toddy	undulatory	villainy	witchery
toffy	unduly	violently	withy
tomfoolery	unearthly	viscounty	wittingly
toothlessly	unerringly	visionary	witty
topography	unexpectedly	vividly	wizardry
topsyturvy	ungainly	vocabulary	wobbly
tory	uniformly	volubly	womanly
touchy	unmannerly	voluntarily	wondrously
towery	unreservedly	voluntary	woody
tracery	unruly	voluptuary	woolly
traditionary	unsightly	votary	wily
tragedy	unwieldy	wabbly	wooly
trajectory	unwittingly	wanly	wordy
tranquilly	upholstery	wantonly	worldly
transitory	urgency	warily	wormy
transparency	urgently	warmly	worry
trashy	urinary	warningly	worthy
travesty	uselessly	warranty	yearly
treacherously	usury	wary	yeasty
treachery	vacancy	watery	yeomanry
treasury	vacantly	wavy	yesterday
treaty	vagary	waxy	zany
tremendously	vagrancy	weakly	zealously
tremulously	vaguely	wealthy	zoology
tributary	vainly	wearily	
trickery	valedictory	weary	
tricksy	valency	weedy	

18.9a i in an unstressed syllable followed immediately by another syllable beginning with a vowel, as in alias

[erlies].

abbreviate	authoritarian	ceremonious	delineate
abstemious	aviary	cerium	delineation
accordion	aviation	champion	delirious
acquiesce	aviator	chariot	delirium
acrimonious	axial	cheviot	delphinium
aeolian	axiom	*chiaroscuro	demoniac
aerial	axiomatic	chromium	denunciation
affiliate	bacchanalian	cilia	depreciate
affiliation	bacteria	ciliary	depreciation
agrarian	bacteriological	ciliate	deteriorate
alias	bacteriologist	circumambient	deterioration
alien	bacteriology	clarion	deviate
alleviate	bacterium	clarionet	deviation
alluvial	barbarian	clothier	devious
ambassadorial	barium	colloidion	dictatorial
ambient	baronial	colloquial	differentiate
amiable	barrier	colonial	differentiation
ammonia	bastion	comedian	diluvial
ammoniac	batrachian	comediienne	diphtheria
ammonium	begonia	commissariat	disciplinarian
amphibian	beneficiary	commodious	dissociate
amphibious	bibliographical	compatriot	dissociation
analgesia	bibliography	compendious	domiciliary
anemia	bibliophile	compendium	dubious
angiosperm	biennial	concierge	dutiable
annunciation	binomial	conciliate	dyspepsia
antediluvian	* biography	conciliation	ecclesia
anterior	braggadocio	conciliatory	ecclesiastic
antiquarian	bronchial	congenial	editorial
apiary	burglarious	congeniality	effluvia
apologia	burial	conscientious	effluvium
appreciate	cadmium	connubial	* elegiac
appreciative	cafeteria	copious	elysium
appropriate	calcium	coriander	emaciate
aquarium	calliopsis	cornucopia	emaciation
aria	calumniate	costumier	embryo
armorial	calumnious	courier	emporium
arsenious	cambium	courtier	encomium
arterial	camion	cranial	encyclopedia
arteriosclerosis	cardiac	cranium	endothelial
artificiality	carrier	criterion	enthusiasm
asphyxiate	carriion	croupier	enthusiastic
asphyxiation	cassia	curia	emunciate
associate	caviar	curio	emunciation
association	censorious	curiosity	epithalamium
atrium	centenarian	curious	epithelium
audience	centennial	cyclopedia	equatorial
audio	centurion	dalliance	equestrian
auditorium	ceremonial	deleterious	equilibrium

equinoctial	helium	intermediate	miniature
eradiate	herbarium	invariable	ministerial
eulogium	hernia	invidious	minutiae
excelsior	hilarious	irradiate	monarchial
excoriate	historian	jovial	morion
excruciating	humanitarian	judiciary	multifarious
exordium	humiliate	labial	myopia
expatiate	humiliation	laborious	myriad
expatriate	hydrophobia	lanceolate	mysterious
expatriation	hygienist	lariat	nefarious
expediency	hypochondriac	lascivious	negotiate
experience	hysteria	latitudinarian	negotiation
expiate	idiocy	leniency	nephridium
expiation	idiom	liana	neurasthenia
exterior	idiomatic	liane	ninetieth
facies	idiosyncrasy	librarian	notorious
farrier	idiot	licentiate	novitiate
fascia	idiotic	lugubrious	nuncio
fastidious	ignominious	luxuriant	nutrient
felonious	ilium	luxurious	obedience
fiance	illustrious	magisterial	obedient
fiancee	immediacy	magnesium	oblivion
fiasco	immediate	magnolia	obsequious
fiduciary	imperial	malaria	obsidian
fiesta	imperious	mammalian	obviate
filial	impervious	managerial	obvious
finial	impious	mania	octogenarian
folio	impresario	maniac	odious
forsythia	incendiariam	manioc	odium
freesia	incendiary	manorial	officiate
furious	incipient	marionette	ophthalmia
furrier	indian (I)	marsupial	opiate
galliot	industrial	material	opium
ganglia	industrious	materialize	opprobrious
ganglion	inebriate	matrimonial	opprobrium
gardenia	inexpiable	media	oratorio
geranium	inferior	median	oriel
glaciate	inferiority	mediate	orient (O)
gladiator	infuriate	mediation	oriental (O)
gladiatorial	ingratiante	medieval	orientation
*gladiola	ingredient	mediocre	oriole
gloria (G)	initiate	mediocrity	oubliette
glorious	initiation	medium	ovarian
gradient	injurious	melodious	palladium
grammarian	inquisitorial	memorial	palliate
grandiose	insidious	menial	palliation
gregarious	insignia	mercurial	pallium
guardian	insomnia	meridian	pandemonium
gymnasium	insouciance	meritorious	pannier
hacienda	intelligentia *	miasma	pantheon
harmonious	interior	millennium	paraphernalia
barrier	intermediary	milliampere	pariah

parliamentarian	prescience	salvia	superiority
parochial	previous	sanatorium	suppliant
parsimonious	primordial	sanctimonious	symposium
paterfamilias	proctorial	sanitarium	tapioca
patio	professorial	sapient	tatterdemalion
patriciate	proletarian	sartorial	tedium
patriarch	promunciamiento	satiate	tellurium
patrimonial	promunciation	saurian	terrestrial
patriot	propitiate	scenario	terrier
patriotic	propitiation	scholiast	tertiary
pecuniary	proverbial	scoria	testimonial
pedestrian	prurient	scorpion	theatrical
peevish	punctilio	sectarian	tiara
perennial	punctilious	selenium	tibia
perfidious	purgatorial	senatorial	tragedian
pericardium	quadrennial	sepia	triennial
perihelion	*rabies	*series	trivial
period	radial	serial	triviality
periodic	radiant	serious	ulterior
periodicity	radiate	sierra	uproarious
petiole	radiation	siesta	uranium
petunia	radī	simian	usurious
phantasmagoria	radīo	sixtieth	utilitarian
physiognomy	radium	sociological	utopia
physiography	radius	sociology	valerian
physiological	raffia	sodium	vanadium
physiology	ratiocination	soviet (S)	various
*pianist	reality	species	vegetarian
piano	recipient	spoliation	venial
plaster	reconciliation	sporangia	veriest
piazza	regalia	spurious	vernier
pictorial	remedial	stadium	vestigial
pimiento	renunciation	stentorian	veterinarian
pistachio	reptilian	studio	vicarious
pluvial	repudiate	studious	victoria (V)
poinsettia	repudiation	subclavian	*viola
portiere	requiem	subservient	vitiate
posterior	resilient	subsidiary	vitriol
potassium	retaliate	substantiality	vizier
potentiality	retaliation	substantiate	warrior
praetorian	rhodium	substantiation	wisteria
precarious	ruffian	supercilious	zinnia
premier	sacrilege	superficiality	zodiac
premium	salient	superficies	
presbyterian (P)	salubrious	superior	

18.9b i in the unstressed endings ic, ive, and ish, as in magic ['mædʒɪk], native ['neɪtɪv], slavish ['sleɪvɪʃ].⁴

⁴Allan F. Hubbell, "The Phonemic Analysis of Unstressed Vowels," American Speech, XXV (May 1950), 108.

ablative	apoplectic	boracic	cohesive
abortive	apostolic	boric	colic
abrasive	appointive	botanic	collective
absorptive	appreciative	boyish	collusive
abusive	apprehensive	brackish	combative
academic	aquatic	brandish	communicative
accusative	archaic	British	communistic
acetic	arctic	brownish	comparative
achromatic	argumentative	brutish	competitive
acoustic	aristocratic	bubonic	comprehensive
acquisitive	arithmetic	bucolic	compulsive
aerobic	aromatic	bullish	concentric
acrostic	arsenic	bureaucratic	conclusive
actinic	artistic	burnish	conductive
active	ascetic	cabalistic	conductive
adhesive	aseptic	callisthenic	conic
adjective	aspic	caloric	connective
administrative	assertive	cambric	consecutive
admonish	asthmatic	cannibalistic	conservative
adoptive	astonish	captive	constrictive
aeronautics	atavistic	carbolic	constructive
aesthetic	athletic	carbonic	consultative
affirmative	Atlantic	cataclysmic	consumptive
agaric	atmospheric	cataleptic	contemplative
aggressive	atomic	catastrophic	contraceptive
agnostic	attentive	cathartic	convulsive
alcoholic	attic	catholic (C)	cooperative
aldermanic	attractive	caustic	coquettish
alembic	authentic	ceramic	corrective
algebraic	authoritative	chaotic	correlative
allergic	autocratic	characteristic	corrosive
alliterative	automatic	cherish	cosmetic
alphabetic	automotive	chemic	cosmic
alternative	axiomatic	cherubic	creative
altruistic	babyish	childish	critic
amateurish	baldric	chivalric	cryptic
amebic	banish	choleric	cubic
analytic	barbaric	chromatic	cumulative
anarchistic	barometric	chromic	curative
anemic	basaltic	chronic	cyclic
anesthetic	basic	churlish	cyclone
angelic	bearish	citric	cynic
anguish	beatific	civic	dative
antagonistic	biologic	clannish	deceptive
antarctic	bishopric	classic	decisive
anthropomorphic	blackish	cleric	decorative
antic	blemish	climatic	deductive
antics	bluish	clinic	defective
antiseptic	bombastic	clownish	defensive
apathetic	bookish	coercive	definitive
apologetic	boorish	coextensive	deliberative

delusive	elective	fatalistic	heretic
democratic	electric	federative	heroic
demolish	electrolytic	ferric	hieratic
demonstrative	elfish	festive	hieroglyphic
demotic	elusive	fetish	historic
derisive	embellish	feverish	histrionic
derrick	emblematic	fiendish	hoggish
dervish	embryonic	figurative	homeopathic
descriptive	emetic	finish	hydraulic
despotic	emphatic	fixative	hydrochloric
destructive	empiric	flourish	hydrocyanic
detective	encyclopedic	foolish	hydrofluoric
devilish	endemic	foppish	hydroscopic
diabolic	energetic	forensic	hygienic
diagnostic	English	formative	hyperbolic
diagrammatic	enigmatic	formic	hypnotic
dialectic	enteric	frantic	hypodermic
diastasic	enthusiastic	freakish	hysteria
diatonic	epic	frolic	iambic
didactic	epidemic	fugitive	idealistic
dietetic	epigrammatic	furbish	idiomatic
digestive	epileptic	furnish	idiotic
diminish	erotic	furtive	idyllic
diminutive	erratic	galactic	illusive
diplomatic	eruptive	galvanic	illustrative
discursive	esoteric	garish	imaginative
disjunctive	establish	garnish	imitative
dispersive	esthetic	garlic	imperative
distinctive	ethics	generic	imperialistic
distinguish	ethnic	genetic	impish
distributive	eugenic	genitive	impoverish
dogmatic	eulogistic	geodetic	impressive
domestic	evasive	geographic	impulsive
donative	excessive	geologic	incentive
dramatic	exclusive	geometric	incisive
drastic	excursive	ghoulish	inclusive
dwarfish	executive	gibberish	indicative
dynamic	exhaustive	gigantic	individualistic
dynastic	exotic	girlish	inductive
dyspeptic	expansive	goodish	infinitive
eccentric	expensive	graphic	informative
ecclesiastic	expletive	grayish	initiative
electric	explosive	greenish	inquisitive
ecliptic	expressive	greyish	instinctive
economic	extensive	gymnastic	instructive
ecstatic	extinguish	harmonic	intensive
educative	extractive	heathenish	interpretative
effective	fabric	hectic	interrogative
effusive	famish	hellish	intrinsic
egotistic	fanatic	hepatic	intrusive
elastic	fantastic	heraldic	invective

inventive	microscopic	osmotic	plastic
ionic	militaristic	outlandish	plethoric
ironic	mimic	owlish	pneumatic
isometric	misanthropic	oxalic	poetic
italics	missive	pacific (P)	polemic
journalistic	modernistic	palaeozoic	polish
kaleidoscopic	modish	paleozoic	Polish
kinetic	monastic	palliative	politic
laconic	monkish	pancreatic	polysyllabic
laetic	monopolistic	panegyric	popish
languish	morganatic	panic	positive
lavish	mosaic	panoramic	possessive
laxative	motive	pantomimic	pragmatic
legislative	nourish	parabolic	prerogative
lethargic	music	paralytic	prescriptive
limerick	mystic	parasitic	preservative
linguistic	mythic	parish	presumptive
lithographic	narcotic	passive	preventative
locomotive	narrative	pathetic	preventive
logarithmic	nationalistic	pathogenic	priggish
logic	native	patriotic	primitive
loutish	naturalistic	patristic	prismatic
lucrative	negative	pedantic	productive
lumpish	neolithic	peevish	prognostic
lunatic	neurasthenic	pelagic	progressive
lymphatic	neurotic	pelvic	prohibitive
lyric	niblick	penetrative	prolific
magic	nitric	pensive	prophetic
magnetic	nomadic	perceptive	prophylactic
magnific	nominative	periodic	prosaic
majestic	numismatics	peripatetic	prospective
manipulative	nutritive	perish	protective
mammish	objective	peristaltic	protoplasmic
marish	obstetric	permissive	provocative
massive	obstetrics	perspective	prudish
materialistic	obstructive	persuasive	prussic
mathematics	obtrusive	pessimistic	psychic
maverick	oceanic	pettish	psychologic
mawkish	offensive	philanthropic	psychopathic
mechanic	oldish	philosophic	public
meditative	oligarchic	phlegmatic	publish
melancholic	olive	phonetic	punish
melodic	operatic	phonographic	punitive
mephitic	operative	phosphatic	purgative
mesmeric	oppressive	phosphoric	purplish
metabolic	optic	photographic	quadratic
metallic	optics	physic	qualitative
metamorphic	optimistic	physiographic	quantitative
meteoric	organic	pietistic	quixotic
methodic	orphic	pinkish	radish
metric	orthographic	plaintive	rakish

rationalistic	salicylic	sporadic	telescopic
ravish	saprophytic	sportive	tentative
realistic	sarcastic	squeamish	terrific
receptive	sardonic	stablish	theatric
recessive	satanic	static	theistic
recitative	satiric	stenographic	theoretic
recreative	scenic	stereoscopic	therapeutic
recuperative	sceptic	stigmatic	thermoelectric
reddish	schematic	stoic	thievish
reflective	schismatic	strategic	thoracic
reflexive	scholastic	stylish	ticklish
refractive	scientific	styptic	tigerish
regenerative	sclerotic	subjective	titanic
relative	secretive	sub junctive	tonic
relic	sedative	submissive	topic
relinquish	seductive	substantive	topographic
relish	seismic	subversive	toxic
remunerative	selective	successive	tractive
replenish	selfish	suggestive	traffic
representative	sensitive	sulphuric	tragic
repressive	septic	superlative	transitive
republic	seraphic	sweetish	tropic
repulsive	sheepish	swinish	tunic
respective	shrewish	syllogistic	tympanic
responsive	skeptic	symbolic	tyrannic
restive	skirmish	sympathetic	unproductive
restorative	skittish	symphonic	uric
restrictive	slavish	symptomatic	vegetative
retentive	sluggish	syndic	vindictive
retrospective	smallish	synthetic	vituperative
rhetoric	snappish	syphilitic	volcanic
rheumatic	socialistic	systematic	voltaic
rhythmic	soporific	systemic	volumetric
ritualistic	sottish	tactics	votive
roguish	Spanish	talkative	waggish
roughish	spasmodic	tannic	wannish
roundish	specific	tarnish	waspish
romantic	spectroscopic	tartaric	whitish
rubbish	speculative	technic	wolfish
rubric	spiritualistic	telegraphic	womanish
runic	splenetic	telepathic	yellowish
rustic	splenic	telephonic	youngish

18.9c 1 in the ending ing, as in awning ['ɒnɪŋ].⁵

abiding	accommodating	accounting	admiringly
absorbing	according	acting	advertising

⁵Ibid., p. 108.

alarmingly	charming	engraving	gaming
alluring	christening	enterprising	gangling
amazing	clearing	entertaining	gathering
amusing	clipping	entrancingly	gearing
angling	clothing	etching	gelding
annoying	coating	evening	gilding
appalling	codling	exacting	glaring
appetizing	coloring	exceeding	gloaming
appraisingly	coming	excepting	going
approvingly	concerning	exciting	gosling
arresting	confiding	excruciating	grating
astonishing	considering	exultingly	grayling
awakening	consoling	facing	greeting
awning	convincing	failing	groundling
baking	coping	farming	grudgingly
banking	corresponding	farthing	grueling
bantling	coupling	fascinatingly	gruelling
bastings	crackling	fastening	hanging
batting	craving	feeling	hankering
beading	crossing	fencing	happening
beaming	cunning	fetching	heading
bearing	curbing	filings	hearing
beating	dairying	filling	herring
bedding	daring	finding	hesitatingly
beetling	darkling	fingering	hireling
beginning	darling	firstling	holding
being	dashing	fishing	housing
belongings	dealing	fitting	hulking
belting	deserving	flagging	hunting
bidding	designing	flaming	husking
billingsgate	despairing	flashing	icing
binding	discerning	flattering	impending
biting	discriminating	flavoring	imposing
blessing	doings	fledgling	inkling
blooming	doting	fledgeling	inning
boarding	drawing	fleeting	interesting
boating	drippings	flooring	inviting
bowling	drubbing	fluting	isinglass
bracing	duckling	following	jeeringly
bragging	dumpling	footing	jokingly
breeding	during	forboding	keeping
bunting	swelling	foreboding	kindling
bushing	dying	foregoing	knitting
calling	earnings	forging	knowing
carking	edging	forgiving	lacing
carving	enchanting	foundling	lacking
casing	ending	frowningly	landing
casting	enduring	furnishings	languishing
ceiling	engaging	furring	lasting
changeling	engineering	galling	laughingly

leading	panelling	roofing	spinning
learning	paring	running	splitting
leavings	parting	sacking	sporting
leggings	patronizingly	sapling	sprinkling
lettering	paving	saving	staging
lighting	peeling	saying	standing
lightning	pending	scaffolding	starling
liking	penetrating	scantling	startling
lining	pickings	scathing	starveling
living	piercing	scheming	sterling
lodging	pipng	schooling	stiffening
logging	pityingly	searchingly	stirring
longing	planking	seasoning	stocking
lordling	plastering	seedling	strapping
loving	pleadingly	seeing	striking
lumbering	pleasing	seeming	stripling
lying	plumbing	setting	studding
madding	preaching	sewing	stuffing
marauding	preceding	shading	stumbling
matting	prepossessing	shaveling	stunning
meaning	prevailing	shaving	suckling
meeting	printing	sheathing	suffering
middling	proceeding	sheeting	suiting
mincing	promising	shelving	supposing
mining	protectingly	shilling	surpassing
missing	provoking	shimming	surprising
mockingly	prying	shipping	surroundings
molding	pudding	shirting	surveying
moorings	puddling	shocking	swaddling
morning	quilting	shortening	sweeping
moulding	railing	sickening	sweepings
mourning	rating	siding	sweetening
mowing	ravening	signaling	swelling
neighboring	ravishing	sitting	swimmingly
nestling	reading	sizing	tailoring
netting	reasoning	skirting	taking
nothing	reckoning	slanting	tanning
nursling	refreshing	sleeping	tauntingly
nutting	regarding	sleighing	teaching
obliging	rejoicing	smattering	teasingly
offering	reprovingly	smilingly	tempting
offing	respecting	smocking	thanksgiving
opening	retiring	sneaking	thinking
outing	retting	soothingly	thrillingly
overwhelming	revolting	sopping	ticking
owing	riding	spacing	tidings
padding	rifling	spanking	tiling
painstaking	rigging	sparing	timbering
painting	ripping	speaking	tithing
paling	rolling	spelling	topping
paneling	rollicking	spindling	touching

toweling	uncompromising	unswerving	whacking
tovelling	underling	unthinking	whaling
towering	undoing	untiring	whiningly
tracing	undying	unvarying	whipping
training	unending	unwavering	whooping
trappings	unerring	unwitting	willing
trifling	unfailing	veiling	winning
trusting	unfaltering	veining	wiring
trying	unflinching	viking (V)	witching
tubing	unheeding	vying	wittingly
tying	unmeaning	wainscoting	wording
unassuming	unoffending	waiting	working
unavailing	unpretending	wanting	worldling
unbecoming	unquestioning	warning	wrapping
unbelieving	unreflecting	washing	writing
unbending	unrelenting	Washington	yachting
unblinking	unremitting	weakling	yearling
unblushing	unresisting	weathering	yearning
unceasing	unseeing	webbing	yielding
unchanging	unsmiling	wedding	youngling
uncomplaining	unsuspecting	weeping	

18.10 e when it occurs at the end of an unstressed syllable and before another syllable beginning with a vowel. The latter syllable may be stressed or unstressed, as in petroleum [pe'trouliəm], meander [mi'ændə, mi'ænde].

aqueous	chameleon	genealogy	linoleum
*apothecia	cochlea	geographer	lyceum
arboreal	coleus	geography	malleable
archaeological	contemporaneous	geologist	malleus
archaeologist	cornea	geology	marmoreal
archaeology	corporeal	geometry	meander
archeologist	courteous	habeas	melodeon
area	create	herculean	meteor
atheism	creation	heterogeneous	meteorological
atheist	creative	hideous	meteorology
aureole	cuneiform	homeopathic	mimeograph
baccalaureate	cutaneous	homogeneous	miscellaneous
beatify	daguerreotype	hyperborean	miscreant
beatitude	duteous	ideograph	Napoleon
beauteous	empyreal	ideology	nauseate
boreal	erroneous	igneous	nectareous
bounteous	ethereal	impermeable	neriid
caduceus	exeunt	instantaneous	nuclear
cafein	extemporaneous	lacteal	nucleus
calcareous	extraneous	lanceolate	oceanic
cameo	funeral	laureate	oleander
casein	galleon	lineage	oleo
cereal	gaseous	lineal	oread
cerulean	genealogical	linear	palaeozoic

paleozoic	plenteous	*rodeo	sulphureous
paleolithic	preoccupation	roseate	tedium
paleontology	preoccupied	sidereal	toreador
pancreas	preoccupy	simultaneous	trachea
pancreatic	procreate	spontaneous	*urea
permeate	react	steapsin	venereal
petroleum	reaction	stereoscope	vireo
*pharyngeal	reactionary	stereotype	vitreous
phraseology	recreant	subterranean	
piteous	recreation	subterraneous	

18.11 ay, e, ee, ey, i, ie, uy in unstressed final syllables, as in nosey ['nouzi], cookie ['kuki], Monday ['mandi].

ey

abbey
alley
barley
blarney
bogey
chimney
clayey
cockney
coney
covey
courtsey
darkey
dickey
donkey
flunkey
guernsey (G)
hackney
hockey
honey
jersey (J)
jitney
jockey
journey
kersey
kidney
lackey
lamprey
linsey
malmsey
medley
money
monkey
motley
nosey
osprey

palfrey
parley
parsley
piney
plaguey
pokey
pulley
skyey
storey
surrey
tourney
trolley
turkey (T)
valley
volley
whimsey
whiskey

ay

chambray
Friday
Monday
Saturday
Sunday
Thursday
Tuesday
yesterday
Wednesday

ie

aerie
birdie
bogies

bonnie

bowie
brassie
brownie
caddie
calorie
challie
collie
cookie
coolie
coterie
cowrie
dearie
dearie
doggie
eerie
eyrie
faerie
finnanhaddie
genie
gillie
girlie
grannie
laddie
lassie
mashie
menagerie
middie
movie
organdie
pixie
prairie
reverie
rookie
specie
talkie

e

acme
acne
adobe
agave
alcalde
anemone
ante
apostrophe
ave
bonafide
canape
catastrophe
cicerone
coyote
dilettante
dolce
domine
epitome
extempore
facsimile
finale
forte
frijole
hyperbole
machete
maybe
miserere
nepenthe
padre
padrone
phoebe (P)
posse
psyche
reveille
sake

sesame	broccoli	taxi	colloquy
simile	cadi	vermicelli	coulee
sine (without)	chili	villi	guinea
stele	confetti		levee
strophe	hour	<u>ee</u> , <u>uy</u> and	obloquy
tsetse	khaki	exceptional	petit
ukulele	kiwi	spellings	priethee
vide	kohlrahi		shillalah
vigilante	macaroni	arborvitae	shillelagh
	mufti	challis	soliloquy
<u>i</u>	peri	chamois	sundae
anti	potpourri	chassis	toffee
banditti	quasi	*chimpanzee	
beriberi	salmagundi	coffee	
	spaghetti	committee	

18, 12 e in initial unstressed syllables and in the unstressed prefixes em, en, and ex, as in embrace [im'breɪs], enlarge [in'lɑ:dʒ], expect [ɪk'spekt].⁶ The prefix will always be [ɪ] in rapid, colloquial speech. For slow, precise speech, the e will be given the full value of [e].

emaciate	employe	enfeeble	enquiry
emaciation	empower	enfold	enrage
emancipate	emulsification	enforce	enrapt
emancipation	emulsify	enfranchise	enrapture
emasculate	emulsion	engage	enrich
embalm	enable	engender	enroll
embark	enact	engrave	enshrine
embargo	encamp	engross	enslave
embark	enchant	engulf	ensure
embarrass	encircle	enhance	entail
embellish	enclose	enigma	entangle
embezzle	enclosure	enigmatic	enthrall
embitter	encompass	enjoin	enthrone
embody	encounter	enjoy	enthuse
embodiment	encourage	enjoyable	enthusiasm
embolden	encroach	enlarge	enthusiastic
emboss	encrust	enlighten	entice
embrace	encumber	enlist	entire
embroider	encyclopedia	enlistment	entitle
emir	endanger	enliven	entomb
emission	endear	ennoble	entrain
emit	endeavor	enormity	entrance
emolument	endorse	enormous	entrap
emotion	endow	enough	entreat
emphatic	endue	enow	entreaty
employ	endure	enquire	entrench

⁶Ibid., p. 109.

entrust	excrecence	expansive	expurgate
entwine	excrete	expatiate	extant
enumerate	excretion	expect	extemporaneous
emmeration	excretory	expectancy	extempore
emunciate	excruciating	expectorate	extemporize
emunciation	exculpate	expectoration	extend
envelop	excurrent	expediency	extension
environ	excursion	expel	extensive
exact	excursive	expend	extent
exaction	excuse	expenditure	extemate
exactitude	executive	expense	extenuation
exaggerate	executor	expensive	extenuation
exaggeration	exemplar	experience	exterior
exalt	exemplary	experiment	exterminate
exam	exemplification	experimental	extermination
examination	exemplify	experimentation	external
example	exempt	expire	extinct
exasperate	exemption	expiry	extinction
exasperation	exert	explain	extinguish
exceed	exertion	explanatory	extirpate
excel	exhale	explicit	extol
excelsior	exhaust	explode	extort
except	exhaustion	exploit	extortion
exception	exhaustive	explore	extract
excerpt	exhibit	explosion	extraction
excess	exhilarate	explosive	extraneous
exchange	exhilaration	exponent	extraordinary
exchequer	exhort	export	extravagance
excise	exhume	expose	extravaganza
excitability	exist	expositor	extreme
excitable	existence	expostulate	extremity
excite	exonerate	expostulation	extrude
exclaim	exorbitant	exposure	extrusion
exclamatory	exordium	expound	exuberance
exclude	exotic	express	exude
exclusion	expand	expression	exult
exclusive	expanse	expulsion	exultant
excoriate	expansion	expunge	

18.13 a in the unstressed ending age, as in damage ['dæmɪdʒ].

acreage	baggage	carriage	courage
adage	bandage	cartage	coverage
advantage	baronage	cartilage	cozenage
anchorage	beverage	cellarage	cribbage
apanage	bondage	cleavage	damage
appanage	breakage	coinage	disparage
appendage	brigandage	concubinage	dosage
arrearage	brokerage	cooperage	dotage
assemblage	cabbage	cordage	drainage
average	carnage	cottage	embassage

ensilage	message	pottage	tankage
equipage	mileage	poundage	tillage
espionage	mintage	presage	tonnage
foliage	mortgage	ravage	trackage
forage	mucilage	rivage	tutelage
frontage	nonage	roughage	umbrage /
fruitage	orphanage	rummage	usage
fuselage	outrage	salvage	vagabondage
garbage	package	sausage	vantage
harborage	parentage	savage	vassalage
haulage	parsonage	saxifrage	verbiage
hemorrhage	passage	scrimmage	vicarage
herbage	pasturage	seepage	village
heritage	patronage	selvage	vintage
hermitage	peerage	sewage	visage
homage	percentage	sewerage	voltage
hostage	personage	shortage	voyage
image	pilgrimage	shrinkage	wastage
language	pillage	silage	wreckage
leakage	pilotage	steerage	yardage
luggage	plumage	stoppage	
manage	portage	storage	
marriage	postage	suffrage	

18.14 i, e, in the prefixes ante, anti, handi, heli, semi, particularly if they precede a syllable beginning with a vowel.

antechamber	antidote	handicraft	semiconscious
antedate	antilogarithm	handiwork	semifinal
antediluvian	antislavery	helicopter	semilunar
anteroom	antisocial	heliograph	semiofficial
antibody	antitoxin	heliotope	semiprecious
anticlimax	antitrust	semianual	semitone
anticyclone	handicap	semiarid	semitropical

18.15 e and i before [k] or [g] or [dʒ] in the same unstressed syllable, as in anecdote ['ænikdout], college ['kolidʒ].

addict -n.	finicky	prestige	significant
adjective	imperfect	pfennig	subject -n.
anecdote	knowledge	privilege	suffix
assigination	object -n.	project -n.	unfrequented
calyx	perfect -adj.	selvedge	verdict
college	matrix	significance	vestige

18.16 i, y, e, ea, ui in some words in which the syllable seems to receive enough stress to make it almost secondary. In some cases the syllable is stressed in another form of

the word, as in 'symphony - sym'phonic, ['sɪmpfəni, sɪm'fənɪk].

antonym	fictitious	iguana	pseudonym
appendix	fisticuffs	legality	pursuivant
chinchilla	flibbertigibbet	legation	pyramid
cicada	histology	linguistic	quintessence
cigar	historic	lollipop	sahib
cinchona	hypnosis	negate	symphonic
counterpane	hypnotic	negation	symposium
cretonne	hypocrisy	ostrich	synthetic
cuirass	hysteric	pollywog	tympanic
cuisine	ichneumon	prelim	vindictive

18.17 a in unstressed final syllables of a few words.

bedstead homestead octave spinach

Words with [ə] or [ɪ] are grouped for practice as follows:

There is great variation between the use of [ə] and [ɪ] in certain positions in words. Usually this variation is on a regional basis. Where it occurs, GA will favor [ə] while S and E prefer [ɪ].

This vowel varies considerably with different speakers; it is most often mean-mid-central, but may be higher or lower-mid-central, sometimes even advanced lower mid-back, almost like [ʌ].⁷

Because of this variability, it is sometimes difficult to tell whether a person is using [ə] or [ɪ] in a particular word.

18.18 i in the unstressed prefix di, as in dilemma [də'leme, di'leme].

diffraction	diluvial	disciple	diversify
diffuse	dimension	discover	diversion
diffusion	diminish	discredit	divert
digest	diminuendo	discreditable	divest
digestion	diminutive	disease	divide
digress	diploma	disheveled	divine
digression	diplomacy	dissolve	divinity
dilapidated	diplomatist	divan	divisible
dilapidation	direct	diverge	division
dilemma	direction	divergence	divisor
dilute	disaster	diverse	divorce
dilution	discern	diversification	divulge

⁷Trager and Block, "Syllabic Phonemes," p. 232.

18.10a e in unstressed medial syllables, as in elegy ['elədʒɪ, 'ɛlɪdʒɪ].

abnegation	category	consequence	excrement
acetate	catheter	consequent	execrable
adequacy	celebrant	consequential	excrete
adequate	celebrate	constellation	excretion
aggregate	celebration	coquetry	execute
aidedecamp	celebrity	correlate	execution
algebra	celerity	correlation	exegesis
algebraic	celestial	correspond	exegetical
allegation	celibacy	correspondence	felicitate
allegory	cement	countenance	felicitation
*altimeter	cemetery	credentials	felicity
amethyst	centenarian	credulity	felonious
anathema	centenary	dandelion	ferocious
anesthesia	centripetal	decree	ferocity
anesthetic	ceramic	December	fiftieth
antecedent	cerebellum	delegate	furbelow
antithesis	cerebral	delegation	galvanometer
appetite	cerebrum	deleterious	gazetteer
appetizer	ceremonial	deny	gelatinous
apprehend	ceremony	deprecate	generic
apprehension	cerulean	deprecation	genesis
apprehensive	chalcedony	deprecatory	genetic
aqueduct	challenge	depredation	geranium
archetype	chemise	derelict	gregarious
arquebus	chewink	dereliction	grenade
arsenal	chronometer	desecrate	hallelujah
arsenate	cinema	desecration	harlequin
arteriosclerosis	cinematograph	desuetude	harquebus
asymmetry	coefficient	diameter	hegemony
atheneum	comedy	dilettante	hegira
barbecue	competence	disintegrate	hellebore
barometer	competency	disintegration	hepatic
behemoth	competent	dromedary	hereditary
benedicite	competition	edition	heredity
benedict	complement	eightieth	heretical
benefactress	complementary	electrometer	heroic
benefactor	comprehensible	elegance	hexameter
benefice	comprehension	elegy	hydrometer
benefit	comprehensive	enemy	hygrometer
blasphemy	concatenation	ephemeral	hypothesis
calorimeter	condescend	epistemology	imbecile
candelabrum	condescension	eremite	imbecility
catechise	congener	expedite	impetus
catechism	congeries	expedition	implement
catechist	congregate	expeditious	imprecation
catechize	congregation	expletive	impresario
catechumen	consecrate	euphemism	increment
categorical	consecration	evangelist	indigenous

ingenuit <u>y</u>	miscell <u>an</u> y	perse <u>v</u> ere	sine <u>c</u> ure
int <u>e</u> ger	modest <u>y</u>	phenom <u>e</u> na	skele <u>t</u> on
int <u>e</u> gral	molecul <u>e</u>	phrenol <u>o</u> gy	solec <u>i</u> sm
integrat <u>e</u>	monet <u>a</u> ry	planet <u>a</u> ry	specific
integrat <u>i</u> on	mulete <u>e</u> r	plebe <u>i</u> an	speedom <u>e</u> ter
intellect <u>u</u> al	necess <u>a</u> ry	poes <u>y</u>	spirom <u>e</u> ter
int <u>e</u> rpellat <u>i</u> on	necessitat <u>e</u>	postast <u>e</u> r	splen <u>e</u> tic
interpretat <u>i</u> on	necessit <u>y</u>	poetr <u>y</u>	strat <u>e</u> gy
islet	nefar <u>i</u> ous	* preced <u>e</u> nce	stupefact <u>i</u> on
jejun <u>e</u>	neglect	* preced <u>e</u> nt	stupef <u>y</u>
jewel <u>r</u> y	negotiab <u>l</u> e	prede <u>c</u> essor	subsequ <u>e</u> nt
julep	negoti <u>a</u> te	prepost <u>e</u> rous	sust <u>e</u> nance
lavender	negoti <u>a</u> tion	prolet <u>a</u> rian	symmet <u>r</u> y
legumin <u>o</u> us	nemesis	promen <u>a</u> de	synthes <u>i</u> s
lethargic	nepent <u>h</u> e	prophec <u>y</u>	system
leviathan	nephridi <u>u</u> m	prophe <u>s</u> y	systemat <u>i</u> c
liquefact <u>i</u> on	nephrit <u>i</u> s	propri <u>e</u> tary	taffeta
liquef <u>y</u>	nicet <u>y</u>	propriet <u>o</u> r	tapestr <u>y</u>
lozenge	nitrogen <u>o</u> us	propriet <u>y</u>	tatterdemalio <u>n</u>
magnetiz <u>e</u>	nondescript	prosecut <u>e</u>	telegr <u>a</u> m
maintenance	obelisk	prosecut <u>i</u> on	telegr <u>a</u> ph
majest <u>y</u>	obsequi <u>e</u> s	proselyt <u>e</u>	telepathic
malediction	octogenari <u>a</u> n	protestant	telephon <u>e</u>
malefactor	orchestr <u>a</u>	protestat <u>i</u> on	telephon <u>i</u> c
mannequin	orchestrat <u>i</u> on	provender	telescop <u>e</u>
manomet <u>e</u> r	pandemoni <u>u</u> m	putrefact <u>i</u> on	telescop <u>i</u> c
mathematic <u>a</u> l	parenthes <u>i</u> s	quietud <u>e</u>	televisi <u>o</u> n
mathematici <u>a</u> n	parenthet <u>i</u> cal	ram <u>e</u> kin	temerit <u>y</u>
mathematics	pariet <u>a</u> l	raref <u>y</u>	tenacious
mechanic	passenger	rejuvenat <u>e</u>	tenacit <u>y</u>
mechanical	pecan	rejuvenat <u>i</u> on	tenuit <u>y</u>
medallion	peculiar	relegat <u>e</u>	tessellat <u>e</u>
medulla	peculiarit <u>y</u>	rem <u>e</u> dy	thermomet <u>e</u> r
medullar <u>y</u>	pecuniar <u>y</u>	remonetiz <u>e</u>	thesaur <u>u</u> s
medusa	pedantic	rendezv <u>o</u> us	traged <u>y</u>
melodeon	pedestal	renegad <u>e</u>	trapezoid
melodic	pedestrian	rep <u>e</u> tition	travest <u>y</u>
melodious	penetrat <u>e</u>	repreh <u>e</u> nd	tremendous
memento	penetrat <u>i</u> on	repr <u>e</u> hensible	tr <u>e</u> phine
memorial	pentam <u>e</u> ter	repr <u>e</u> s <u>e</u> nt	trigonomet <u>r</u> y
menagerie	pentecost <u>a</u> l	repr <u>e</u> s <u>e</u> ntation	trimet <u>e</u> r
meniscus	penur <u>i</u> ous	revenue	turpentine
mephitic	per <u>e</u> grination	scavenger	valedictor <u>y</u>
meretricious	per <u>e</u> grine	scenario	vehem <u>e</u> nce
messenger	perim <u>e</u> ter	secre <u>c</u> y	veh <u>e</u> ment
metabolism	perpetrat <u>e</u>	secret <u>a</u> ry	velocit <u>y</u>
metallic	perpetrat <u>i</u> on	segregat <u>e</u>	vertebra
methodical	perpetuit <u>y</u>	segregat <u>i</u> on	vertebrate
metropolis	persecut <u>e</u>	seneschal	vinegar
micromet <u>e</u> r	persecut <u>i</u> on	sevent <u>e</u> en	
miscellaneous	perse <u>v</u> erance	sevent <u>y</u>	

18.19b e in the unstressed ending ess, less, ness, est as in
lioness ['laɪənəs, 'laɪənɪʃ], graceless ('grɛɪsləs, 'grɛɪslɪs],
griminess ['grɪmnəs, 'grɪmnɪs].

abbess	boundless	covetousness
actress	brainless	coyness
acuteness	breathless	craftiness
adroitness	brightness	crispness
adulteress	briskness	cureless
adventuress	burgess	daintiness
aggressiveness	business	darkness
aimless	buttress	dateless
airless	calmness	dauntless
alertness	carefulness	deaconess
aloofness	carelessness	dearness
ancestress	casteless	deathless
appropriateness	casualness	deceitfulness
aptness	causeless	defenceless
arbitress	ceaseless	defenseless
artless	changeless	deftness
astuteness	cheapness	destructiveness
attractiveness	cheerfulness	dimness
authoress	cheerless	dinginess
awkwardness	childishness	directness
backwardness	childless	disinterestedness
badness	churlishness	distinctness
bareness	citizeness	dizziness
baroness	cleanliness	doubtless
barrenness	cleanness	dreamless
baseless	clearness	drowsiness
baseness	cleverness	drunkenness
bashfulness	closeness	dryness
beardless	cloudless	duchess
benefactress	coarseness	ductless
bigness	coldness	dulness
bitterness	colorless	dullness
blackness	comeliness	duress
blameless	comfortless	duskiness
blandness	companionless	dustless
blankness	completeness	eagerness
blessedness	congress	earnest
blindness	conscienceless	earnestness
bloodless	consciousness	earthiness
bluntness	coolness	easiness
bodiless	copiousness	effectiveness
boldness	costliness	elaborateness
boneless	countess	eldest
bootless	countless	empress
bottomless	courtliness	emptiness

enchantress	friendless	hideousness	liveliness
endless	friendliness	highness	loess
evenness	frightfulness	holiness	loftiness
exactness	fruitfulness	hollowness	loneliness
exclusiveness	fruitless	homeless	loudness
exhaustless	fullness	honest	loveless
expertness	furthest	hopefulness	loveliness
expressionless	gentleness	hopeless	lowliness
eyeless	genuineness	hornless	luckless
faintness	giddiness	horseless	madness
fairness	gladness	hostess	manliness
faithfulness	godness	houseless	mannerless
faithless	godless	humbleness	marchioness
falseness	godliness	huntress	marquess
farthest	goodliness	huskiness	matchless
fastidiousness	goodness	idleness	mattress
fastness	governess	illness	meaningless
fatherless	gracefulness	indebtedness	meanness
fathomless	graceless	inevitableness	measureless
fatless	greatness	inquisitiveness	meekness
faultless	greediness	intentness	mellowness
fearless	greenness	jobless	merciless
fearlessness	grimness	joyless	mildness
featherless	grossness	joyousness	mindless
featureless	groundless	keenness	mistress
feebleness	guileless	kindliness	modest
fewness	guiltiness	kindness	moodiness
fickleness	guiltless	kingless	moonless
fierceness	hairless	knightliness	motherless
filthiness	handless	lameness	motionless
fineness	hapless	landless	motiveless
fireless	happiness	largeness	murderess
firmness	hardiness	largess	nakedness
fitness	hardness	lateness	nameless
fixedness	harmless	laudress	narrowness
flatness	harmlessness	lawless	nearness
flawless	harness	lawlessness	neatness
fleetness	harshness	laxness	needless
fleshless	harvest	leafless	needlessness
fondness	haughtiness	leanness	negress (N)
foolishness	headless	lewdness	neighborliness
footless	healthfulness	licentiousness	nerveless
forest	heartiness	lifeless	nervousness
forgetfulness	heartless	lightness	niggardliness
forgiveness	heaviness	likeness	nobleness
formless	heedless	limitless	noiseless
fortress	heedlessness	lioness	nothingness
forwardness	heiress	listless	numbness
frankness	helpless	listlessness	numberless
freshness	helplessness	littleness	obsequiousness

obviousness	quickness	sensitiveness	stillness
offensiveness	quietness	seriousness	stoutness
oneness	raggedness	shameless	strangeness
openness	rainless	shapeless	strictness
painless	rapaciousness	sharpness	stubbornness
paleness	rareness	shepherdess	sturdiness
passionless	rashness	shiftless	suddenness
passiveness	readiness	shiftlessness	sullenness
pathless	reasonableness	shoreless	sunless
patroness	reckless	shortness	supperless
peacefulness	recklessness	shrewdness	sureness
peeress	redness	shyness	sweetness
peerless	regardless	sickness	swiftness
peevisishness	relentless	sightless	tactless
penniless	remissness	silliness	tailless
perverseness	remorseless	simpleness	tameless
picturesqueness	remoteness	singleness	tameness
pitiless	resistless	sinless	tardiness
plainness	resourcefulness	slackness	tasteless
playfulness	restless	sleepiness	tastiness
pleasantness	restlessness	sleepless	tearless
plumpness	richness	sleeveless	tempest
poetess	riderless	slowness	temptress
pointless	righteousness	sluggishness	tenantless
politeness	rightness	smallness	tenderness
populousness	ripeness	smartness	thankfulness
portress	robustness	smokeless	thankless
possessiveness	roofless	smoothness	thickness
powerless	rottenness	smugness	thinness
preceptress	roughness	soberness	thoroughness
preciseness	roundness	softness	thoughtless
preparedness	ruddiness	sorceress	thoughtlessness
pretentiousness	rudeness	sordidness	thriftless
prettiness	ruthless	soreness	tigress
priceless	ruthlessness	soulless	timeless
priestess	sadness	soundless	tireless
princess	saltiness	soundness	tongueless
printless	sameness	sourness	toothless
prioress	sapless	speechless	toughness
productiveness	savageness	spineless	trackless
profitless	scantiness	spiritless	traitress
progress	scatheless	spotless	treeless
prophetess	scentless	stainless	truthfulness
proprietary	seamless	starless	tuneless
protectress	seamstress	stateliness	ugliness
prowess	secretiveness	steadiness	uncharitableness
puffiness	seedless	steepness	uncleanness
pureness	selfishness	sternness	uncouthness
purposeless	sempstress	stewardess	unevenness
quenchless	senseless	stiffness	usefulness

useless	voluptuousness	weariness	wingless
uselessness	votaress	wetness	wireless
vagueness	waitress	whiteness	wistfulness
valueless	wakefulness	wholeness	witless
vastness	wantonness	wholesomeness	witness
viciousness	wariness	wickedness	wordless
viewless	wastefulness	wilderness	worldliness
vileness	watchfulness	wildness	worthiness
viscountess	waveless	willfulness	worthless
vividness	waywardness	willingness	worthlessness
voiceless	weakness	windless	wretchedness

18.19c e in the unstressed endings ed, es, et, and in en in a few words, as in hated ['heɪtəd, 'heɪtɪd], bases ['beɪsəs, 'beɪsɪs], woolen ['wʊlən, 'wʊlən], crumpet ['kræmpət, 'kræmpɪt].

After t, d, and n and after k, gg, and ss in certain adjectives, ed is pronounced as a separate syllable. After other consonants, the e is silent. See section 21.1d for a full discussion of the use of ed. See section 18.20e for the ending ied.

abstracted	bended	castellated	cresset
*accursed	benighted	catechumen	crested
addicted	besotted	celebrated	cricket
admitted	bigoted	chaplet	crooked
affected	billet	chicken	crosslet
albumen	bitumen	children	crotchet
amulet	blanket	circlet	crowded
anchoret	*blessed	civet	cruet
animated	blooded	claret	crumpet
anklet	bluet	closet	cultivated
annulet	bonnet	cloudlet	*cursed
antiquated	booklet	comet	*cussed
armlet	bowlegged	complicated	cutlet
aspen	bracelet	concerted	cyanogen
assizes	bracket	congested	cyclamen
assorted	breeches	constipated	cygnet
auspices	brethren	contented	decided
banneret	brevet	contracted	dejected
banquet	brisket	corded	delighted
baronet	brocaded	cornet	demented
*bases	brooklet	coronet	departed
basket	bucket	corrugated	deservedly
basset	budget	corselet	devoted
bayonet	buffet	corset	dickens (D)
beaded	bullet	cosset	diet
*beaked	cabinet	couplet	dilapidated
bearded	carcanet	coverlet	disgustedly
belated	carpet	covet	disinterested
*beloved	casket	*crabbed	disjointed

dissipated	hatchet	nugget	siren
docket	hatred	omelet	situated
dogged	haunted	opinionated	skillet
doublet	heathen	outlet	socket
dribblet	helmet	owlet	sonnet
droplet	hooded	packet	sophisticated
dulcet	hornet	pallet	soviet (S)
eaglet	hundred	pamphlet	specimen
elated	hydrogen	parapet	spinet
elevated	indebted	*peaked	spirited
emmet	jacket	pellet	spotted
*epaulet	jennet	picket	sprocket
excitedly	junket	piquet	stilted
extended	kindred	placket	streamlet
eyelet	kitchen	planet	strengthen
facet	knotted	plummet	striated
fated	lancet	pocket	*striped
faucet	landed	poet	strumpet
ferret	lappet	pointed	suet
fidget	latchet	pollen	sullen
filet	leaflet	posset	sulphureted
fillet	*learned	privet	superannuated
flibbertigibbet	*legged	prophet	supposedly
floweret	lessen	proven	tablet
fluted	leveret	pullet	taboret
forehanded	lichen	puppet	talented
forsaken	limited	quiet	target
freshet	limpet	quillet	tenet
fretted	linen	racket	thicket
frontlet	linnet	ragged	ticket
frozen	locket	ratchet	tippet
gadget	magdalen (M)	refuted	toilet
gantlet	magnet	rennet	tourniquet
garnet	mallet	related	trinket
garret	manchet	repeated	trivet
gasket	mantelet	riches	trumpet
gauntlet	markedly	rickets	tungsten
gibbet	market	ringlet	turret
giblet	matted	rivet	unabated
gifted	midget	rivulet	unaccounted
gimlet	millet	rocket	unacquainted
glycogen	minded	rootlet	unadulterated
goblet	molasses	rugged	unaided
gorget	mullen	runlet	unassisted
granulated	mullet	russet	unattended
guarded	musket	sacred	unbounded
gullet	mussel	scarlet	uncharted
gusset	naked	secluded	unclouded
*hallowed	nitrogen	secret	unconnected
halogen	noted	sherbet	uncounted
hamlet (H)	novel	signet	uncreated

undaunted	uninterrupted	unsegmented	vested
undefeated	uninvited	unshaded	violet (V)
undefended	united	unspotted	wallet
undisputed	unlamented	unsuited	warren (W)
undivided	unmitigated	unsupported	wavelet
undoubted	unmolested	unsuspected	wedded
uneducated	unobstructed	untainted	whippet
unexpected	unpolluted	untasted	wicked
unexpurgated	unprecedented	untenanted	winded
unfaded	unpremediated	unvisited	winged
unfounded	unprotected	unwanted	wizened
unfrequented	unprovided	unwarranted	women
unguarded	unrecorded	unwonted	wonted
unheeded	unregarded	valet	wooded
uninhabited	unrequited	variegated	woolen
uninitiated	unreservedly	varlet	worsted
uninstructed	unrestricted	velvet	

18.19d e in unstressed prefixes be, de, pre, re, se, as in begun [bəˈɡʌn, bɪˈɡʌn], delay [deˈleɪ, dɪˈleɪ]; and e in initial unstressed syllables except em, en, ex, as in electric [eˈlektrɪk, ɪˈlektrɪk]. For e in prefixes em, en, ex, see section 18.12.

The variation between [ə] and [ɪ] in these words is not so much on a regional basis as it is on an individual one.

becalm	began	behoove	benumb
became	begat	behove	bepraise
because	beget	bejewel	bequeath
becloud	begin	belabor	bequest
become	begirt	belated	berate
bedaub	begone	beleaguer	bereft
bedeck	begonia	belie	bereave
bedevil	begot	belief	beseech
bedew	begotten	believable	beseech
bedight	begrime	believe	bessom
bedim	begrudge	belike	beset
bedizen	beguile	belittle	besetting
bedraggle	begun	beli	beshrew
befall	behalf	belong	beside
befallen	behave	beloved	besides
befell	behavior	below	besiege
befit	behead	bemazed	besieger
befitting	beheld	bemoan	besmear
befog	behest	bemock	besmirch
befooled	behind	bemuse	besotted
before	behold	beneath	besought
befoul	beholden	benighted	bespake
befriend	beholder	benign	bespangle
befuddle	behoof	benignant	bespatter

bespeak	decide	defray	denominate
besprent	deciduous	defunct	denomination
bestir	decipher	defy	denote
bestrode	decision	degeneracy	denounce
bestow	decisive	degenerate	denude
bestrew	declaim	degeneration	denunciation
bestride	declaimer	degrade	depart
betake	declamatory	degree	departmental
bethink	declaratory	dehiscent	departure
bethought	declare	dejected	depend
betide	declension	dejection	dependence
betimes	decline	delay	depict
betoken	declivity	delectable	depiction
betook	decoction	deliberate	depilatory
betray	* decorous	deliberation	deplete
betroth	decorum	delicious	depletion
between	decoy	delight	deplorable
betwixt	decrease	delimit	deplore
bewail	decree	delimitation	deploy
beware	decrepit	delineate	deponent
bewilder	decretal	delineation	deport
bewitch	decry	delinquency	depose
bewray	deduce	delinquent	deposit
beyond	deduct	delirious	depository
debacle	deduction	delirium	depraved
debar	deductive	deliver	depravity
debase	deface	deliverance	depreciate
debasement	defamatory	delude	depreciation
debate	defame	delusion	depress
debatable	default	delusive	depression
debauch	defeat	demand	deprive
debauchery	defect	demean	depute
debenture	defection	demeanor	derange
debilitate	defend	demented	derangement
debility	defence	dementia	deride
debunk	defense	demerit	derision
debut	defer	demesne	derisive
* decadence	defiance	demise	derivative
* decadent	deficiency	democracy	derive
decamp	defile	democratize	derogatory
decant	defilement	demolish	descant
decapitate	define	demoniac	descend
decapitation	definitive	demonstrable	descent
decay	deflate	demonstrative	describe
decease	deflation	demoralization	description
deceased	deflect	demoralize	descry
deceit	deflection	demote	desert
deceive	deflower	demotic	deserter
decemvir	deforest	demur	desertion
deception	deform	demure	deserve
deceptive	deformed	denial	desiderata

design	effectuate	equestrian	*precedence
desirability	effeminate	equip	*precedent
desirable	effete	equivalent	precentor
desire	efficiency	equivocal	precipitate
desirous	efficient	eradiate	precipitation
desist	effluvium	eradicate	precise
despair	effrontery	erase	preclude
despatch	effulgence	erasure	precision
despise	effuse	erect	precocious
despite	effusion	erection	precursor
despoil	ejaculate	erosion	predicament
despond	elaborate	erotic	predict
despondence	elapse	erratic	prediction
dessert	elastic	erroneous	predominance
destroy	elasticity	erupt	predominant
destruction	elate	eruption	predominate
destructive	elation	escape	prefer
detach	elect	escort	preliminary
detail	election	escutcheon	preparatory
detain	electric	especial	prepare
detect	electrical	espionage	preponderance
detection	electrician	espousal	prerogative
detention	electricity	espouse	presage
deter	electrify	essential	prescribe
deteriorate	electro	establish	prescription
deterioration	electrocute	estate	present -v.
determinable	electron	esteem	presentable
determinate	eleven	estrangle	presentiment
determination	elicit	eternal	preserve
determine	eliminate	eternity	preside
deterrent	elimination	ethereal	presumably
detest	elixir	evacuate	presume
dethrone	Elizabeth	evacuation	presumption
detour	ellipse	evade	presumptuous
detract	elliptical	evaluate	pretend
detraction	elongate	evaluation	pretension
detritus	elope	evangelist	pretentious
develop	elucidate	evaporate	prevail
device	elude	evasion	prevaricate
devise	elusive	event	prevarication
devoid	elysium (E)	eventual	prevarication
devoir	emerge	eventuate	prevent
devolve	emeritus	evict	prevision
devote	emetic	eviction	recalcitrant
devotion	enamel	evince	recall
devour	episcopal	evoke	recede
devout	epistle	evolve	receipt
efface	epitome	precarious	receive
effect	equality	precaution	receptacle
effective	equate	precede	reception
effectual	equation	precedence	receptive

receptivity	* reflex	remand	republic
*recess	reform	remark	republican
recession	reformer	remarkable	repudiate
recherche	reformatory	remedial	repudiation
recipient	refract	remember	repugnance
reciprocal	refraction	remembrance	repulse
reciprocate	refrain	remind	repulsion
reciprocation	refrangible	remiss	repulsive
recital	refresh	remission	repute
recitative	refrigerate	remit	request
recite	refrigeration	remittance	require
reclaim	refulgent	remonstrance	requite
recline	refund	remonstrate	rescind
recluse	refusal	remorse	research
recognizance	refuse -v.	remote	resemblance
recoil	refute	remove	resemble
recondite	regain	remunerate	resent
reconnaissance	regale	remuneration	reserve
record -v.	regalia	*renaissance	reside
recount	regard	renew	residual
recoup	regatta	renounce	residium
recourse	regenerate	renown	resign
recover	regeneration	renunciation	resilient
recovery	regenerative	relate	resist
recrimination	regime	repaid	resistance
recruit	regress	repair	resolve
recumbent	regret	repast	resort
recuperate	rehearse	repay	resound
recuperation	reject	repeal	resource
recur	rejection	repeat	respect
recurrence	rejoice	repel	respiratory
recurve	rejoin	repellent	respire
recusant	rejuvenate	repent	resplendent
redaction	rejuvenation	repentance	respond
redan	relapse	repine	response
redeem	relation	replace	responsibility
redemption	relax	replenish	restorative
redoubt	release	replete	restore
redoubtable	relent	repletion	restrain
redound	reliability	reply	restrict
redress	reliable	report	restriction
reduce	reliance	repose	result
reducible	relief	repository	resultant
reduction	relieve	repossess	resume
redundant	religion	repress	resumption
refection	religious	repression	resuscitate
refectory	relinquish	reprieve	resuscitation
refer	reluctance	reprisal	retail
refine	reluctant	reproach	retain
reflect	rely	reproof	retaliate
reflection	remain	reprove	retaliation

retard	revers	sebaceous	selection
retention	reverse	secede	selenium
retire	reversible	secession	semester
retort	reversion	seclude	senility
retrace	revert	seclusion	sepulchral
retract	review	secrete	sequester
retraction	revile	secretion	sequesterate
retreat	revise	secretive	sequestration
retrench	revision	secure	sequoia
retrieve	revive	security	seraglio
return	revoke	sedan	seraphic
reveal	revolt	sedate	serene
revenge	revolve	sedition	serenity
reverberate	revue	seduce	severe
reverberation	revulsion	seduction	severity
reverse	reward	select	

18.20a i in unstressed syllables (especially medial syllables) shows some regional variation. GA and S favor [ə] but some E speakers use [ɪ], as in America [ə'merɪke, e'merɪke], invitation [ɪnve'teɪʃən, ɪnvi'teɪʃən].

abdicate	altitude	appendicitis	aspirant
abdominal	alumina	applicable	aspiration
abominable	aluminum	applicant	aspirator
abomination	ambidextrous	applique	assassinate
aborigines	ambiguity	apricot	assassination
abstinence	America	aptitude	assignat
acidosis	amicable	aquiline	assignment
acquisition	*amino	arbitrator	assimilate
acquisitive	amortization	arbitral	assimilation
acrimonious	amplification	arbitrarily	attitude
acrimony	amplify	arbitrary	attribute
activate	amplitude	arbitrate	attribution
adipose	ancillary	arbitration	audibility
adjudicate	angelica	archipelago	auditorium
administer	aniline	architect	adulatory
administration	animadversion	architecture	auricle
admonitory	animalcule	aristocracy	authenticate
advertisement	animate	armistice	authoritarian
affidavit	animism	arnica	authoritative
agitate	animosity	artichoke	authorization
agricultural	animus	article	azimuth
agriculture	anniversary	artifice	bactericidal
albinism	antediluvian	artificer	bailiwick
albuminous	anticipate	artificial	banister
aliment	anticipatory	artificiality	baptistry
alimentary	antimony	artisan	barbican
alimony	antiquarian	asafetida	baritone
alligator	antiquated	asceticism	barricade
*altimeter	antiseptic	asinine	barrister

basilica	catholicism	compatibility	culminate
basilisk	cauliflower	competitive	cultivate
bassinet	centigrade	competitor	curricule
bastinado	centipede	compilation	cuspidor
beatification	centralization	complicate	cuticle
beatitude	certificate	complication	cylinder
beautiful	*certification	compliment	cynicism
beautify	certified	complimentary	debilitate
bellicose	certify	compositor	decapitate
benison	certitude	concomitant	decigram
bitumen	cervical	condiment	decimal
bituminous	chanceler	confidant	declination
bizarre	characterization	confident	decrepitude
brigade	charitable	confidential	dedicate
cabinet	chemistry	confiscate	dedicatory
calcify	chicane	confiscation	deficit
calcimine	chicanery	congenital	definite
caliber	chorister	conifer	definition
calibrate	chronicle	consignee	definitive
calibre	circuitous	consolidate	deification
calico	citizen	constipation	delicacy
calipers	civilian	constitute	delicate
caliphate	civility	constitution	delicatessen
calisthenic	civilization	contaminate	deliquescent
camisole	clarify	contamination	demigod
candidacy	clarinet	contiguity	demijohn
candidate	classification	continence	demilitarize
canister	classify	continent	demoralization
cannibal	clavicle	continental	denizen
cannikin	cochineal	continuity	denominate
canonization	codicil	contribution	denomination
cantilever	codification	conventicle	dentifrice
caparison	cogitate	*cordillera	depository
capillarity	cogitation	corridor	depository
capillary	cognizance	cosmopolitan	deprivation
capita	cognizant	credibility	derivation
capital	coincidence	creditable	desiccate
capitalization	coincident	criminal	designate
capitalize	coliseum (C)	criminality	designation
capitation	colonization	criminate	despicable
capitol (C)	combination	criminologist	destination
captivate	commissar	criticize	destiny
carabineer	commissariat	criticism	destitute
cardigan	commissary	critique	destitution
caribou	commissure	crucible	determinable
caricature	communicable	crucifix	determination
*carillon	communicant	cruciform	detriment
carnival	communicate	crucify	difficult
cartridge	communication	cryptigram	difficulty
castigate	communiqué	crystallization	diffidence
castigation	comparison	culinary	

digitalis	efficacy	evident	fugitive
digestibility	effigy	exactitude	fulminate
dignify	electrification	examination	fumigate
dignitary	electrify	exemplification	fumigation
dilapidated	eligibility	exemplify	furniture
dilapidation	eligible	exhibition	fusileer
*dilate	eliminate	exigency	fusillade
*dilation	elimination	exorbitant	gallivant
diligence	elucidate	expenditure	garniture
diminution	elucidation	experiment	garrison
dirigible	emancipate	experimental	generalissimo
disciplinary	emancipation	experimentation	generalization
discipline	emeritus	explication	genital
discomfiture	emigrant	expositor	genitive
discriminate	emigration	extricate	germicide
discrimination	eminence	fabricate	germinate
disquisition	eminent	fabrication	germination
disseminate	emissary	facilitate	giraffe
dissemination	emulsification	facsimile	glorification
dissipate	emulsify	falsification	glorify
dissipation	enfilade	falsify	glutinous
distribution	ensilage	fascinate	gratification
diversification	epicure	fascination	gratify
diversify	epicurean	feasibility	gratitude
dividend	epidemic	felicitate	gratuitous
divination	epidermis	felicitation	gravitate
doctrinaire	epigram	feminine	gravitation
domesticate	epilepsy	fertilization	habiliment
domestication	epileptic	festival	habitable
domicile	epilogue	fidelity	habitat
domiciliary	episode	fiduciary	habitation
dominance	epitaph	filibuster	habitude
dominate	epithelium	filigree	halibut
domination	epithet	finale	halidome
domine	equalization	*finance	halitosis
domineer	equidistant	*financial	hallucination
domino	equilateral	finesse	harbinger
dormitory	equilibrium	flexibility	harmonica
dramatization	equinoctial	flexible	harpsichord
dulcimer	equinox	foraminifera	harridan
duodecimo	equipage	formidable	hemisphere
duplicate	equipoise	fornication	hemispherical
duplication	equitable	fortification	hepatica
eclecticism	eradicate	fortify	hereditary
edification	escritoire	fortitude	heritable
edifice	estimable	fortuitous	heritage
edify	estimate	frankincense	hesitancy
editor	estimation	frigidity	hesitate
editorial	ethical	frivolity	hesitation
effiminate	etiquette	frontispiece	hilarious
efficacious	evidence	fructification	hilarity

holiday	indoctrinate	japonica	magnificence
homicide	indomitable	jubilant	magnificent
homily	indubitable	jubilee	magnify
hominy	inevitable	juniper	magnitude
horizontal	inextricable	jurisdiction	majolica
horrify	infanticide	jurisprudence	manicure
horticulture	infidel	justification	manifest
hospitable	infinite	justify	manifestation
hospitality	infinitesimal	kinetic	manifold
hospitalization	infinite	lamina	manikin
howitzer	inhibition	lamine	mannikin
humanitarian	inimitable	lamination	marigold
humidify	inquisition	lapidary	marinade
humid	insecticide	lassitude	marinate
hurricane	insipidity	latitude	mariner
hyacinth	instigate	legibility	marital
hybridization	instigation	legislation	maritime
hypocrisy	institute	legislature	marquise
identification	institution	legitimate	marquise
identify	intelligence	leguminous	masticate
illuminate	intelligent	lewisite	mastication
illumination	intelligible	lexicography	materialization
imagination	intensification	lexicon	matinee
imbricate	intensify	libretto	matrimony
imitate	interminable	limitation	*maxillary
imitation	intestinal	liniment	maximum
immigrant	intimacy	liquidate	mechanization
immigration	intimate	liquidation	medicament
imminent	intimation	lithographer	medicate
impediment	intimidate	litigant	medicinal
implicate	intoxicant	litigation	medicine
implication	intricacy	litigious	meditate
improvisation	intricate	localization	meditation
incapacitate	intuitive	longitude	mendicant
incidence	invalidate	longitudinal	meningitis
incognite	investiture	lubricant	meritorious
incorrigible	investigate	lubricate	metropolitan
incurminate	invitation	lubrication	mikado
indefatigable	ionization	lucifer (L)	milady
indemnification	iridescence	ludicrous	militant
indemnify	irrigable	luminary	militarism
indicate	irrigate	luminosity	militarization
indication	irritability	luminous	military
indicator	irritable	machination	militate
indigence	italian	macintosh	millia
indigo	italicize	mackinaw	millennium
indirect	italics	madrival	milligram
indirection	jacinth	magisterial	milligramme
indirectly	janitor	magistrate	millimeter
individual	janissary	magnanimous	millimetre
individuality	janizary	magnetization	milliner

millinery	mystification	oscillation	petrification
minosa	mystify	ossification	petrify
minimize	nationalization	ossify	pharisaical
minimum	naturalization	ovipositor	pharisee
minister	navigability	oxidation	philander
ministerial	navigate	oxidize	philanthropist
ministration	navigation	pacification	philanthropy
ministry	necessitate	pacify	philology
miniver	negligee	palisade	philosopher
minority	negligence	palmistry	philosophize
minute	negligent	palpitate	philosophy
* minutely	negligible	palpitation	physicist
* minuteness	neutralization	pannikin	pianissimo
miraculous	nitrification	*papillary	pilaster
mirage	nominal	parricide	pimento
misericord	nominate	parsimonious	pituitary
mitigate	nomination	parsimony	platitude
mitigation	nominee	participate	plebiscite
mobilization	notification	participation	plenipotentiary
mobilize	notify	participle	plenitude
modernization	mullification	particle	polarization
modicum	mullify	partisan	policy
modification	numismatics	pasteurization	politic
modify	nutriment	patrimony	politician
mollify	nutritive	pedigree	pollinate
monasticism	obligate	pediment	pollination
monitor	obligation	pelican	pontificate
moribund	obligatory	pemmican	popinjay
mortification	obstinacy	penitence	porridge
mortify	obstinate	penitent	porringer
motivate	occident	penitential	portico
mucilage	occidental	penitentiary	positive
mucilaginous	occipital	peregrination	possibility
multicolored	oligarch	perfidy	possible
multifarious	oligarchy	perilous	practicable
multiform	ominous	peripatetic	precipice
multigraph	omnibus	periscope	precipitate
multilateral	omnipresence	peristalsis	precipitation
multimillionaire	omnipresent	peritoneal	predestinate
multiple	optimism	peritonitis	predestination
multiplication	optimistic	periwig	predicate
multiplicity	optimum	periwinkle	predication
multiply	organization	perquisite	preliminary
multitude	orifice	persiflage	premeditate
multitudinous	origin	personification	premonitory
mummify	original	personify	presentiment
municipal	originate	perspicacity	presidency
municipality	orison	perspicuity	president
munificent	ornithological	perspiration	presidential
myrtilon	ornithology	pessimism	prevaricate
mysticism	oscillate	pessimist	primitive

primogeniture	ratiocination	sacristan	sisterinlaw
principal	realization	salicylic	sobriquet
principality	recalcitrant	salivary	socialization
principle	recipe	salsify	solicitation
privilege	reciprocity	sanctification	solicitude
procrastinate	recitation	sanctify	solidarity
procrastination	recitative	sanctimonious	solidification
prodigal	recrimination	sanguinary	solidify
prodigality	rectification	sanitarium	solitaire
prodigy	rectify	sanitary	solitary
profiteer	rectitude	sanitation	solitude
profligacy	regicide	saponification	sophisticated
progenitor	regimen	satirize	specialization
prognosticate	regiment	satisfaction	specification
prohibition	regimentation	satisfactory	specify
prohibitive	register	satisfy	specimen
promiscuity	registration	saxifrage	speechify
promissory	regurgitate	scepticism	spiritual
promptitude	rehabilitate	scholasticism	stabilization
prostitute	rehabilitation	sciatica	stabilize
prostitution	reminisce	scimitar	stamina
protege	reminiscence	scurrilous	staminate
providence	replica	secularization	standardization
providential	repository	sediment	statistician
province	reprimand	sedimentary	sterilization
proximate	requisite	seminal	sterilize
ptarmigan	requisition	seminary	stiletto
publican	residence	sensibility	stockinet
publication	residential	sensitive	stoicism
publicize	residue	sensitivity	stratification
pugilism	resignation	sensitize	stratify
puissance	respiration	sentiment	stultify
punchinello	respiratory	sentimental	sublimate
purification	restitution	servitude	sublimation
purify	resuscitate	sibilant	subsidence
puritan	resuscitation	significance	subsidize
pusillanimity	reticence	significant	subsidy
pusillanimous	retribution	signification	substitute
pyramidal	ridicule	signify	substitution
pyriform	rigidity	silica	suicidal
quadrilateral	rollicking	siliceous	suicide
qualification	romanticism	silicon	superintend
qualify	romanticist	similar	superintendent
qualitative	rudiment	similarity	supplement
quantitative	rudimentary	simile	supplicate
radical	ruminate	similitude	supplication
radicle	rumination	simplification	suppository
ramification	rusticate	simplify	syndicalism
ramify	sacrifice	sincerity	syndicate
ratification	sacrificial	sinister	syphilis
ratify	sacrilege	sirocco	syphilitic

taciturn	turpitude	vaccination	vestibule
talisman	typify	vacillate	veterinary
tendinous	ubiquitous	vacillation	viaticum
terminal	ultimate	vaporization	viceversa
terminate	ultimatum	variegate	vicinity
termination	unanimous	varmint	vicissitude
terminology	unicellular	vehicle	vilify
terminus	unicorn	venison	vindicate
terrify	unification	ventricle	vindication
territory	uniform	ventriloquial	virago
testify	unify	verigris	virility
testimony	unison	verification	visibility
timidity	univalve	verify	vituperation
*tirade	universal	verily	vivacious
tourniquet	universe	verisimilitude	vivacity
transitive	university	veritable	vivify
transitory	upsilon	vermicelli	voluminous
transpiration	urinal	vermiform	vorticella
trepidation	urinary	versification	whirligig
tribunal	utilitarian	versify	
tribune	utilization	vertices	
triplicate	vaccinate	vertigo	

18.20b i in the unstressed syllable of the endings ical and ically, as in typical ['tɪpekel, 'tɪpɪkel], physically ['fɪzɪkelɪ, 'fɪzɪkelɪ].

academical	bibliographical	cynically
aeronautical	biographical	diabolical
allegorical	biological	dialectical
alphabetical	botanical	diametrical
analytical	canonical	diametrically
anarchical	categorical	dogmatically
anatomical	caustically	dramatically
angelical	characteristically	drastically
anthropological	chemical	dropsical
apologetically	chimerical	dynamical
apostolical	chronically	ecclesiastical
archaeological	chronological	economical
arithmetical	classical	economically
arsenical	clerical	ecstatically
artistically	clinical	egotistical
astrological	comical	electrical
astronomical	conical	elliptical
asymmetrical	cortical	emblematical
authentically	critical	emphatically
automatically	critically	empirical
bacteriological	cubical	encyclical
basically	cylindrical	energetically
biblical	cynical	enigmatical

enthusiastically	majestically	pharmacological	spherical
entomological	mathematical	philological	sporadically
epidemic	mathematically	philosophical	statical
ethnical	mechanical	philosophically	statistical
ethnological	mechanically	physical	stoical
etymological	medical	physically	strategical
evangelical (E)	metallurgical	physiological	surgical
exegetical	metaphorical	piratical	symbolical
fanatical	meteorological	poetical	symmetrical
fantastical	methodical	polemical	sympathetically
fantastically	methodically	political	synthetically
farcical	metrical	politically	systematical
frantically	microscopical	practical	systematically
genealogical	monarchical	practically	tactical
geographical	morphological	problematical	tactically
geographically	musical	prophetical	technical
geological	musically	prophetically	technically
geometrical	mystical	psychical	technological
grammatical	mythical	psychological	terrifically
graphically	mythological	psychologically	theatrical
heretical	nautical	puritanical	theological
hermetically	numerical	quizzical	theoretical
heroical	obstetrical	rabbinical	topical
historical	oligarchical	radically	topographical
historically	optical	realistically	tragical
hypothetical	oratorical	rhetorical	tragically
hysterical	organically	rhythmical	tropical
identical	ornithological	romantically	typical
idiotically	orthographical	sabbatical	typically
inimical	paradoxical	sarcastically	typographical
ironically	parenthetical	sardonically	tyrannical
juridical	pathetically	satirical	vertical
logical	patriotically	sceptical	vertically
logically	pedagogical	scientifically	vesical
lyrical	periodical	skeptical	whimsical
magical	periodically	sophistical	zoological
magically	pharisaical	spasmodically	
majestical	pharmaceutical	specifically	

18.20e i in the unstressed syllable of the endings ible, ibly, and ity, as in purity ['pjureti, 'pjuriti], sensible ['sentsebel, 'sentsibel]. GA and S always use [ə], but some E speakers use [ɪ].

ability	acidity	affability	amiability
abnormality	activity	affinity	amity
absurdity	actuality	agility	angularity
acceptability	adaptability	alacrity	animosity
accessibility	admissible	alkalinity	annuity
accessible	adversity	ambiguity	anonymity
acclivity	advisability	amenity	antiquity

aridity	contractility	equability	identity
artificiality	controvertible	equality	immensity
asperity	conventionality	equanimity	immunity
assiduity	convertible	equity	impetuosity
atrociousness	convexity	eternity	importunity
audacity	conviviality	excitability	impunity
audibility	cordiality	extremity	inaccessibility
audible	corruptible	facility	inanity
austerity	credible	fallible	incongruity
authenticity	credibility	falsity	incorrigible
authority	credulity	familiarity	indelible
availability	criminality	fatality	indemnity
avidity	crucible	feasibility	indestructibility
banality	crudity	feasible	indestructible
barbarity	cupidity	fecundity	individuality
benignity	curiosity	felicity	inexhaustible
brevity	debility	ferocity	infallibility
brutality	declivity	fertility	inferiority
calamity	defensible	festivity	infinity
capability	deformity	fidelity	infirmity
capacity	deity	finality	ingenuity
capillarity	density	fixity	iniquity
captivity	dependability	flexibility	insipidity
catholicity	depravity	flexible	instrumentality
causality	desirability	forcible	intangible
cavity	dexterity	forcibly	integrity
celebrity	digestible	formality	intelligible
celerity	digestibility	fragility	intensity
charity	dignity	fraternity	invincible
chastity	dimity	frigidity	inviolability
civility	dirigible	frivolity	irascible
clarity	disparity	frugality	irresistible
combustible	diversity	fusible	irresistibly
comity	divinity	futility	irritability
commodity	divisible	futurity	jocularly
community	docility	garrulity	jollity
compatible	domesticity	generality	joviality
compatibility	duality	generosity	laity
comprehensible	ductility	gentility	laxity
complexity	duplicity	gravity	legality
complicity	durability	gullible	legibility
concavity	eccentricity	heredity	legible
conductivity	edible	hilarity	lenity
conformity	elasticity	horrible	levity
congeniality	electricity	horribly	liberality
consanguinity	eligibility	hospitality	locality
constitutionality	eligible	hostility	longevity
contemptible	enmity	humanity	loquacity
contiguity	enormity	humidity	lucidity
continuity	entity	humility	luminosity

magnanimity	perplexity	rarity	stupidity
majority	personality	rascality	suavity
malignity	perspicacity	rationality	sublimity
malleability	perspicuity	reality	substantiality
mandible	pertinacity	receptivity	subtility
masculinity	perversity	reciprocity	suitability
maternity	placidity	refrangible	superficiality
maturity	plasticity	regularity	superfluity
mediocrity	plausibility	relativity	superiority
mendacity	plausible	reliability	susceptibility
mentality	plurality	reprehensible	susceptible
minority	polarity	respectability	taciturnity
mobility	polity	responsibility	tangibility
modernity	pomposity	responsible	tangible
monstrosity	popularity	rigidity	technicality
morality	porosity	rotundity	temerity
morbidity	possibility	rusticity	temporality
mortality	possible	sacrosanctity	tenacity
multiplicity	possibly	sagacity	tensity
municipality	posterity	salubrity	temuity
mutability	potentiality	sanctity	terrible
nationality	practicability	sanity	timidity
nativity	practicality	scarcity	torpidity
navigability	precocity	scrupulosity	totality
necessity	principalty	security	tranquility
negligible	priority	senility	tranquillity
neutrality	probability	seniority	transmissible
nobility	probity	sensibility	trinity
nonconformity	proclivity	sensible	triviality
nonentity	prodigality	sensitivity	unanimity
notarity	productivity	sensuality	uniformity
nudity	profanity	sentimentality	unity
nullity	profundity	serenity	universality
obesity	proximity	servility	university
obliquity	promiscuity	severity	urbanity
obscenity	propensity	similarity	utility
obscurity	propinquity	simplicity	vacuity
oddity	prosperity	sincerity	validity
opportunity	proximity	singularity	vanity
originality	publicity	sinuosity	variability
ostensible	puerility	sociability	varsity
parity	pugnacity	solemnity	velocity
partiality	punctuality	solidarity	venality
particularity	purity	solidity	veracity
passivity	pusillanimity	solubility	verbosity
paternity	putridity	sorority	verity
peculiarity	quality	spirituality	vicinity
perceptible	quantity	spontaneity	virginity
periodicity	quiddity	stability	virility
permeability	rapacity	sterility	virtuosity
perpetuity	rapidity	stolidity	viscosity

visibility
vitality

vivacity
volatility

volubility
voracity

vulgarity

18,20d i in the unstressed endings ice, id, iff, il, ile, is, iat, in, ine, ise, it, ite, as in audit ['ɒdɪt, 'ɒdɪt], devil ['dɛvɛ, 'dɛvɪl], frigid ['frɪdʒəd, 'frɪdʒɪd]. GA uses [ə] but S and E both use [ɪ] more often in these endings.

abatis	artillerist	carotid	dais
abolitionist	artist	cartoonist	dauphin (D)
accomplice	aspirin	caryatid	debit
acidosis	assassin	casein	decrepit
acrid	atheist	catechist	deist
aeropolis	audit	catkin	denim
egis	auspice	catnip	dentifrice
affidavit	automobilist	cavil	dentist
agriculturalist	avarice	chalice	deposit
agriculturist	avid	chemist	dermatologist
alarmist	axil	chinquapin	dermis
albumin	axis	chrysalis	determine
alchemist	bacteriologist	circuit	devil
alienist	bailiff	civil	dextrin
amaruensis	balloonist	clandestine	diagnosis
amaryllis	bandit	classicist	digit
amice	basin	clematis	digitalis
amulopsis	basis	cockatrice	diplomatist
aniline	benefice	codicil	discipline
analysis	benefit	codlin	dobbin
anarchist	benzoin	coffin	docile
anatomist	bicuspid	colonist	doctrine
anesthetist	biologist	colorist	dolphin
angina pectoris	biscuit	columnist	domicile
annalist	bobbin	composite	dramatist
antagonist	bodice	contortionist	druggist
anthropologist	bedkin	conversationalist	duelist
antithesis	botanist	coppice	duralumin
anvil	bronchitis	copyist	economist
aphid	bruin	cornice	edifice
apologist	bumpkin	council	edit
apothecosis	buskin	cousin	egoist
appendicitis	cabin	cowardice	egotist
apprentice	caddice	cupid (C)	electrolysis
April	caitiff	credit	elfin
aquiline	calif	crevice	elicit
arachnid	calliopsis	criminologist	embryologist
arbalist	candid	crinoline	emphasis
archaeologist	cannikin	crisis	encyclopedist
arid	canoeist	cubit	engine
armistice	capitalist	culprit	entomologist
arthritis	caricaturist	culverin	ephemeris
artifice	carmine	cyclist	epidermis

ethnologist	gratis	legitimist	murrain
evangelist	griffin	lentil	muslin
evil	grimalkin	limit	mythologist
evolutionist	habit	limpid	naphthalin
examine	halitosis	linguist	napkin
excursionist	harlequin	liquid	nationalist
exegesis	hemoglobin	liquorice	naturalist
exhibit	hermit	livid	necropolis
exit	heroin	lobbyist	necrosis
exorcist	heroine	loyalist	nemesis
explicit	horrid	lucid	nephritis
exquisite	horticulturist	lupine	neretid
extremist	hospice	lurid	neuritis
faddist	humanist	machinist	neurosis
famine	humid	malice	noggin
fascist	humorist	mandarin	nominalist
fatalist	hybrid	mandolin	nonconformist
favorite	hygienist	manicurist	nostril
federalist	hypnosis	manikin	notice
feminine	hypnotist	mannequin	novelist
feminist	hypothesis	margarine	novice
fervid	idid	margin	nubbin
fetid	ibis	marquis	nudist
fibril	idealist	martin	oasis
fibrin	illicit	masculine	oculist
finis	imagine	mastiff	office
flaccid	imperialist	materialist	opportunist
florid	implicit	maudlin	optimist
florin	individualist	mavis	orbit
florist	industrialist	maxim	orchardist
fluid	infinite	medicine	orchid
formalin	inflationist	meningitis	organist
fortalice	inherit	merit	orientalist
fossil	inhibit	metallurgist	orifice
fragile	insipid	metamorphosis	origin
franklin (F)	intestine	meteorologist	ornithologist
frigid	iris	metropolis	osmosis
fundamentalist	jaundice	militarist	oxalis
futurist	javelin	mineralogist	pacifist
gamin	jerkin	missis	paleontologist
gelatin	jessamine	moccasin	pallid
genesis (G)	jonquil	modernist	palmist
gemine	journalist	monarchist	panegyrist
geologist	jurist	monopolist	pangolin
gherkin	justice	moralist	pannikin
glacis	kaolin	morbid	papist
glottis	kaoline	morris (M)	paraffin
glycerin	lambkin	motorist	paralysis
goblin	languid	muffin	parenthesis
granite	lettuce	mullein	Paris

parsnip	publicist	sordid	transit
passim	puffin	spavin	trellis
pathologist	pugilist	specialist	tricuspid
paynim	pulpit	spiritualist	trypsin
pectin	pumice	splendid	tuberculin
pellucid	pumpkin	squalid	tuberculosis
pelvis	pupil	statist	tulip
pencil	purist	steapsin	tumbril
penguin	putrid	stearin	tumid
pepsin	rabbit	stencil	turbid
peril	rabid	sterile	turbine
peristalsis	raisin	stolid	turgid
peritonitis	ramekin	strategist	turnip
pessimist	ramequin	strychnin	typist
philanthropist	rancid	stupid	unionist
philologist	rapid	stylist	unit
physicist	rationalist	suffragist	urchin
physiologist	ravin	sulphid	utensil
pianist	realist	summit	vacationist
pilgrim (P)	rennin	surplice	valid
pipkin	reservist	synopsis	vapid
pippin	resin	synthesis	vaseline
placid	revolutionist	syphilis	ventriloquist
plagiarist	rigid	tacit	verbatim
plaintiff	robin	tannin	verdigris
plaudit	romanticist	tariff	vermeil
plebiscite	rosin	tarpaulin	vermin
poplin	royalist	tendrill	victim
portcullis	ruin	tennis	vigil
poultice	satirist	tepid	violin
practice	scientist	terrapin	violinist
precipice	secessionist	terrorist	virgin
prejudice	sensualist	theist	viscid
premise	sentimentalist	theorist	visit
prentice	separatist	theosophist	vitamin
preterit	sequin	thesis	vivid
proboscis	seraphim	tiffin	vocalist
profit	service	timid	vomit
prohibit	servile	tobacconist	votarist
promise	sheriff	toesin	weevil
propagandist	socialist	tonsil	welkin
protagonist	sociologist	tonsillitis	worship
protectionist	solicit	torpid	zeppelin
psalmist	solid	torrid	zoologist
psychiatrist	soloist	tourist	
psychologist	solstice	toxin	
psychosis	sophist	tranquil	

18.21a a in unstressed medial syllables of a few words, as in signature ['signetʃə, 'signitʃə].

candidacy candidature character characterization

characterize	ducat	loganberry	secretariat
commissariat	embarrass	orange	signature
comrade	harass	purchase	slogan
		salad	toboggan

18.21b a in the unstressed endings ace and ate, as in preface ['prefɪs, 'prefes], ultimate ['Altɪmet, 'Altɪmit]. For words ending with ate which may be pronounced with [e, i] or stressed to [eɪ], see sections 12.1b and c.

accurate	directorat	inveterate	preface
adequate	disconsolate	legate	prelate
affectionate	doctorate	legitimate	private
agate	effeminate	literate	proportionate
appellate	electorate	marquisate	protectorate
baccalaureate	extortionate	menace	proximate
chocolate	fortunate	necklace	roseate
climate	frigate	obdurate	secretariate
collegiate	furnace	obstinate	senate
commensurate	illiterate	palace	simulate
companionate	immaculate	palate	solace
compassionate	immediate	passionate	surface
considerate	immoderate	pastorate	temperate
consulate	inconsiderate	pinnacle	terrace
delicate	indiscriminate	pirate	ultimate
desperate	intermediate	pomegranate	
determinate	intricate	populace	

18.21c a in the unstressed syllable of the ending acle, as in spectacle ['spektɪkəl, 'spektɪkəl].

barnacle	manacle	oracle	spectacle
binnacle	miracle	pinnacle	tentacle
coracle	obstacle	receptacle	

18.22a y in medial unstressed syllables, as in ethylene [eθəlin, θərlin]. GA and S speakers generally use [e] and E may use [ɪ].

amethyst	ethylene	*pharyngeal	polytheism
analysis	etymological	pharynx	porphyry
analyst	etymology	phylactery	presbyterian (P)
anonymous	hydroxyl	physician	prophylactic
apocryphal	lachrymal	physique	pyramidal
asymmetrical	larynx	polyclinic	sibyl
barytone	methyl	polyglot	sibylline
beryl	methylen	polygon	symmetrical
dactyl	mysterious	polyp	synonymous
electrolysis	mythology	polyphase	synopsis
eleemosynary	oxygen	polysyllable	syringe
erysipelas	pachyderm	polysyllabic	syrinx
ethyl	paralysis	polytechnic	

18.22b i before ly and less in words where y has been changed before the ending, as in daintily ['deɪntɪli, 'deɪntəli]. This i may also be omitted after t and d and the l pronounced as a syllabic l.

airily	easily	loftily	sourvily
bodiless	extraordinarily	luckily	shakily
bodily	gloomily	lustily	shiftily
busily	greedily	merrily	sleepily
charily	guiltily	mightily	speedily
cheerily	happily	moodily	steadily
clumsily	hastily	necessarily	stormily
crazily	haughtily	noisily	sturdily
daintily	heartily	prettily	sulkily
dizzily	heavily	primarily	temporarily
dreamily	hungrily	readily	thriftily
drearily	icily	saucily	warily
drowsily	lazily	scarily	wearily

18.23 ai in unstressed syllables. When ai comes between t or d and n, the n may become syllabic, in which case the ai is omitted, as in mountain ['maʊntən, 'maʊntɪn, 'maʊntp].

bargain	chieftain	*mountain	protraiture
captain	*complaisance	*plantain	reconnaissance
chamberlain	*complaisant	porcelain	*renaissance
chaplain	*fountain	portrait	suzerain

18.24 [ə] or [ɪ] are spelled variously with ei, ie, oi, o, u, in unstressed syllables of a few words, as in reckon ['rekin, reken], mischief ['mɪstʃef, 'mɪstʃɪf].

chariot	forfeiture	mischief	sovereign
connoisseur	handkerchief	mischievous	surfeit
counterfeit	kerchief	neckerchief	tortoise
foreign	lettuce	pigeon	villein
forfeit	minute	porpoise	waistcoat

18.25 In the following list of words, the unstressed syllable is often dropped out entirely. The syllable which is omitted is always the one directly following a stressed syllable, and may be spelled with any orthographic vowel symbol, as in camera ['kæməre, 'kæmre], victory ['vɪktəri, 'vɪktri].

accompaniment	average	catholic (C)	confederate
accompanist	baptistery	chocolate	congeries
adagio	boundary	cockerel	cooperative
adenoids	bowel	collegian	corporate
adulteress	brougham	collegiate	corselet
aged	camera	complementary	*decorative
ambrosia	carles	complimentary	dementia
arsenic	*carriage	confederacy	dexterous

diamond	hygienic	nescience	sophomore
difference	imagery	nominative	sufferance
different	impoverish	nostalgia	suffering
drawer	impressionable	olfactory	superintend
egregious	insatiable	omelet	superintendence
eleemosynary	interest	opening	surety
elementary	ivory	opera	temperament
emerald	jagged	partiality	temperance
emery	javelin	plagiarism	temperate
every	laboratory	plagiarize	temperature
faerie	lien	plenipotentiary	theologian
family	liveried	porcelain	towel
fiery	loggia	practically	towering
floweret	midwifery	principally	trowel
flowery	mineral	prisoner	upholstery
fuchsia	miniature	quandary	vaudeville
gallery	miserable	ratio	vegetable
halfpenny	moderate	reasonable	veteran
hemorrhage	mystery	rudimentary	veterinary
hieroglyph	nausea	sarsaparilla	victory
hydrangea	nauseous	scrivener	withdrawal
hygiene	negotiable	sentinel	

19. SILENT VOWELS

Any orthographic symbol can be silent in a word. The consonants which are silent have been noted in each section.

Vowels in unstressed syllables are often silent. The following groups are the outstanding cases where vowels are silent.

19.1 Final e is always silent unless it is the only vowel in the word, except for about 50 words, most of which are foreign loan-words.

aene	catastrophe	frijole	reveille
aene	cicerone	hyperbole	sake
adobe	coyote	machete	sesame
agave	dilettante	maybe	simile
alcalde	dolce	miserere	sine (without)
anemone	domine	nepenthe	stele
ante	epitome	padre	strophe
apostrophe	extempore	padrone	tsetse
ave (A)	facsimile	phoebe (P)	ukulele
bonafide	finale	posse	vide
canape	forte	psyche (P)	vigilante

19.2 e is silent in the inflectional ending es when it follows the voiceless stops [p], [t], and [k], and the voiced consonants [v], [d], [l], and [m].¹

apes	eaves	James	opposites
archives	elves	jokes	pastes
awakes	fates	knives	pipes
bakes	fives	lakes	plates
bseves	gates	likes	privates
besides	gules	loaves	rates
bites	halves	makes	ropes
cakes	hates	measles	routes
calves	hopes	mesdames	safes
Charles	ides	minutes	sakes
dates	indicates	mistakes	selves
devotes	invites	notes	shakes

¹This is only a sample list, since the Thorndike count did not include most words ending in s or es under separate entries.

shambles	smokes	tastes	wives
shapes	states	wakes	wolves
sheaves	takes	wharves	

19.3 e in the ending ed is silent after all consonants except t and d. When it follows these two, it becomes another syllable and is pronounced [ɛd] or [ɪd].

19.4 a, e, i, o, u, and y are silent before syllabic l and n. See section 27.2b or words with syllabic l and section 29.1e for words with syllabic n.

19.5 ue is silent after g and q when final in the word, as in league [liːg], plague [pleɪg].

antique	clique	marque	prologue
apologue	colleague	masque	queue
arabesque	critique	meringue	relique
baroque	demagogue	monologue	rogue
bisque	dialogue	morgue	sacque
brogue	decatalogue	mosque	statuesque
brusque	eclogue	oblique	synagogue
burlesque	epilogue	opaque	technique
casque	fatigue	pedagogue	tongue
catafalque	fugue	physique	toque
catalogue	grotesque	picturesque	torque
cheque	harangue	pique	unique
cinqfoil	intrigue	plague	vague
cirque	league	plaque	vogue

19.6 u is silent after g and q in a few words and after c in biscuit. Most of these words are from the French. The u is used in French to indicate the g is to be pronounced [g] and not [ʒ].

beleaguer	guardian	guile	languorous
biscuit	guerdon	guillemot	palanquin
croquet	guerilla	guilt	parquet
croquette	guess	guinea	*quadrille
disguise	guest	guise	quatre
exchequer	guidance	guitar	*quint
guarantee	guide	guy (G)	roquery
guaranty	guidon	harlequin	roguish
guard	guild	languor	tourniquet

19.7 i is silent in the unstressed syllables, tion, tial, tious, sion, cion.

19.8 i is silent in the word business, unless used to mean busyness.

20. THE SOUND [b]

The spellings of [b] are:

1. b wherever found, except as below.
2. bb wherever found.

Note: For other pronunciations of b, see:

1. Silent b section 20.3.

The distribution of [b] in English words are:

A. [b] alone.

1. Initially in syllables, as in bet [bet], abide [ə'baɪd].
2. Finally in syllables, as in cub [kʌb], absent ['æbsent].

B. In phonetic clusters.

1. Initially in syllables, as in¹
 - a. [bl] - blow [bləʊ]
 - b. [br] - breathe [brið]

2. Finally in syllables, as in

- a. [bz] - cabs [kæbz]
- b. [bd] - clubbed [klʌbd]
- c. [lb] - bulb [bʌlb]
- d. [lbz] - bulbs [bʌlbz]
- e. [rb] - barb [bɑːrb, bɑːb]
- f. [rbz] - orbs [ɔːrbz, ɔːbz]
- g. [rbd] - barbed [bɑːrbd, bɑːbd]

Words with [b] are grouped for practice as follows:

20.1a b initially before vowels, as in bed [bed].

baa	babe	bacchanal	bacillus	bactericidal
babble	baboon	bacchanalian	back	bacteriological
babbitt	baby	bacchante	bacon	bacteriologist
babbler	baccalaureate	bechelor	bacteria	bacteriology

¹ George L. Trager and Henry Lee Smith. An Outline of English Structure. Studies in Linguistics: Occasional Papers, 3. (Norman, Oklahoma: Battenburg Press, 1951), p. 35.

bacterium	bang	barrier	be
bad	bangle	barrister	beach
bade	banish	barrow	beacon
badge	banister	barter	bead
baffle	banjo	basal	beadle
bag	bank	basalt	beagle
bagatelle	bankrupt	base	beak
baggage	banner	bases	beaked
bah	banneret	bash	beam
bail	bannock	bashaw	bean
bailiff	banns	basic	bear
bailiwick	banquet	basil	beard
bairn	banshee	basilica	beast
bait	bantam	basilisk	beat
baize	banter	basin	beatific
bake	bantling	basis	beatify
bakelite	banyan	bask	beatitude
balance	baptism	basket	beau
balbriggan	baptistry	basrelief	beauteous
balcony	baptize	bass	beautiful
bald	bar	basset	beautify
baldrice	barb	bassinet	beauty
bale	barbarian	basso	beaux
balk	barbaric	bassoon	beaver
ball	barbarism	bast	becalm
ballad	barbarity	bastard	became
ballade	barbecue	baste	because
ballast	barbed	bastille	beck
ballerina	barbican	bastinado	beckon
ballet	bard	bastings	becloud
ballista	bare	bastion	become
balloon	bargain	bat	bed
ballot	barge	batch	bedaub
ballyhoo	bark	bate	bedeck
balm	barite	bath	bedevil
balsam	baritone	bathe	bedew
baluster	barium	batik	bedight
balustrade	barley	batiste	bedim
bambino	barn	baton	bedizen
bamboo	barnacle	batrachian	bedlam
bamboozle	barometer	battalion	bedraggle
ban	barometric	batten	bee
banal	baron	batter	beech
banality	baronet	battle	beef
banana	baronial	bauble	been
band	baroque	baulk	beer
bandanna	barouche	bauxite	beet
bandeau	barrack	bawbee	beetle
banderman	barrage	bawd	beetling
bandit	barred	bawl	beeves
banditti	barrel	bay	befall
bandoleer	barren	bayonet	befallen
bandy	barrette	bayou	befell
bane	barricade	bazar	befit

befitting	belle	beside	bicarbonate
befog	belleslettres	besides	biceps
befool	bellicose	besiege	bichloride
before	belligerence	besieger	bichromate
befoul	bellow	besmear	bicker
befriend	belly	besmirch	biconvex
befuddle	belong	besom	bicuspid
beg	beloved	besotted	bicycle
began	below	besought	bid
begat	belt	bespake	biddy
beget	bemazed	bespangle	bide
beggar	bench	bespatter	biennial
begin	bend	bespeak	bier
begirt	bemoan	besprent	biff
bene	bemock	best	big
begone	bemuse	bestial	bigamy
begonia	beneath	bestir	bight
begot	benedicite	bestrode	bigot
begotten	benedict	bestow	bike
begrime	benefactress	bestrew	bilateral
begrudge	benefactor	bestride	bilberry
beguile	benefice	bet	bile
begun	beneficence	beta	bilge
begun	beneficial	betake	bilious
behalf	beneficiary	betel	bill
behave	benefit	bethink	billet
behavior	benevolence	bethought	billetdoux
behead	benighted	betide	billiards
beheld	benign	betimes	billion
behemoth	benignant	betoken	billow
behest	benison	betook	Billingsgate
behind	bent	betray	bilobed
behold	benumb	betroth	bimetallic
beholden	benzene	better	bimetalism
beholder	benzoate	between	bin
behoof	benzoin	betwixt	binary
behoove	benzol	bevel	bind
behoove	bepraise	beverage	binacle
beige	bequeath	bevy	binocular
bejewel	bequest	bewail	binomial
belabor	berate	beware	biographical
belated	bereft	bewilder	biography
belch	bereave	bewitch	biologic
beldam	beret	bewray	biology
beleaguer	berg	bey	biotite
belfry	beriberi	beyond	bipartisan
belie	berry	bezel	biped
belief	berth	bias	biplane
believable	beryl	bib	birch
believe	beseech	Bible	bird
belike	beseem	biblical	birth
belittle	beset	bibliographical	biscuit
belladonna	besetting	bibliography	bisect
	beshrew	bibliophile	bishop

bismuth	boo	bourgeois	bump	butte
bison	boob	bourn	bun	butter
bisque	boodle	bourne	bunch	buttery
bisulphide	book	bout	buncombe	buttocks
bit	boom	boutonniere	bundle	button
bitch	boomerang	bovine	bung	buttress
bite	boon	bow	bungalow	buxom
bitter	boor	bowel	bungler	buy
bitumen	boost	bower	bungle	buzz
bituminous	boot	bowery	union	buzzard
bivalve	bootee	bowie	bunk	by
bivouac	booth	bowl	bunt	bye
bizarre	booze	bowlder	buoy	byandby
boa	Bopeep	bowman	buoyancy	byre
boar	boracic	bowsprit	bur	byssus
board	borax	box	burden	
boast	border	boy	burdock	
boat	bore	boycott	bureau	
boatswain	boreal	bubble	bureaucracy	
bob (B)	boric	bubonic	bureaucrat	
bobbin	born	buccaneer	burg	
bobolink	borne	buck	burgess	
bode	boron	bucket	burgh	
bodice	borough	buckle	burglar	
bodiless	borrow	buckler	burglarious	
boekin	bosh	buckram	burglary	
body	bosky	bucolic	burgomaster	
bog	bosn	bud	burial	
bogey	bosom	budge	burlap	
bogie	boss	budget	burlesque	
bogle	Boston	buff	burly	
bogus	bosun	buffalo	burn	
boil	botanic	buffet	burnoose	
boisterous	botanist	buffet	burr	
bold	botanize	buffoon	burro	
bole	botany	bug	burrow	
bolero	botch	bugaboo	burst	
bell	both	bugle	burthen	
bolster	bother	bugler	bury	
bolt	bottle	build	bus	
bomb	bottom	built	bush	
bombard	boudoir	bulb	bushel	
bombast	bough	bulbul	busily	
bombazene	bought	bulge	business	
bonafide	bouillon	bulk	buss	
bonanza	boulder	bull	bust	
bonbon	boulevard	bullet	bustard	
bond	bounce	bulletin	bustle	
bone	bound	bullion	busy	
bonfire	boundary	bullock	but	
bonnet	bounteous	bulrush	butcher	
bonnie	bountiful	bulwark	butchery	
bonus	bounty	bum	butler	
bony	bouquet	bumblebee	butt	

20.1b **b** before the consonants **r** and **l**, as in break [breɪk] and bloom [blum].

blab	blubber	breach	bristle
black	blucher	bread	bristly
blackguard	bludgeon	breadth	British
bladder	blue	break	brittle
blade	bluet	breakfast	broach
blame	bluff	bream	broad
blanch	bluish	breast	brocade
bland	blunder	breath	broccoli
blank	blunt	breathe	brogue
blanket	blur	breather	broider
blare	blurb	breathless	broil
blarney	blurt	bred	broke
blase	blush	breech	bromide
blaspheme	bluster	breeches	bromine
blasphemous	brace	breed	bronchial
blasphemy	bracelet	breeze	bronchitis
blast	bracing	breezy	broncho
blatant	bracket	brer	bronchus
blaze	bracken	brethren	bronco
blazon	brackish	brevet	bronze
bleach	bract	breviary	brooch
bleak	brad	brevity	brood
blear	brae	brew	brook
bleat	brag	briar	broom
bled	braggadocio	bribe	broth
bleed	braggart	bricabrac	brothel
blemish	braid	brick	brother
blench	brain	bridal	brougham
blend	braise	bride	brought
bless	brake	bridge	brow
blest	bramble	bridle	brown
blew	bran	brief	browse
blight	branch	brier	bruin
blind	brand	briery	bruise
blink	brandish	brig	bruit
bliss	brandy	brigade	brunet
blister	brant	brigadier	brunt
blithe	brass	brigand	brush
blizzard	brassiere	brigantine	brusque
bloat	brat	bright	brutal
bloe	bravado	brilliance	brutality
block	brave	brilliant	brutalize
blend	bravery	brim	brute
blood	bravo	brindle	brutish
bloom	braw	brine	
blossom	brawl	bring	
blot	brawn	brink	
blotch	bray	briny	
blouse	brazen	brisk	
blow	brazier	brisket	

20.1c **b** in medial and final syllables, alone or in clusters, as in sebra ['zibrə], abundance [ə'bandents].

For complete list of words with **b** in the endings able and ably, see section 18.1b.

For complete list of words with **b** in the endings ible and ibly, see section 18.5a.

aback	absolute	ambiguity	barbarity
abaft	abseond	ambiguous	barbecue
abandon	absolve	ambition	barbed
abase	absorb	amble	barbican
abash	absorption	ambrosia	bauble
abate	abstain	ambulance	bawbee
abatis	abstemious	ambulatory	bible
abdicate	abstention	ambuscade	biblical
abdomen	abstinence	ambush	bibliographical
abdominal	abstract	ameba	bibliography
abduct	abstract	amebic	bibliophile
aberration	abstracted	ameboid	bilberry
abettor	abstruse	amiability	bilobed
abeyance	absurd	approbation	blunderbuss
abhor	absurdity	arabesque	bobolink
abhorrence	abundance	arable	bombard
abiding	abuse	arbalest	bombast
abigail	abuse	arbiter	bombazene
ability	abusive	arbitral	bramble
abject	abut	arbitrament	bribery
abjure	abysm	arbitrarily	bricabrac
abjuration	abyss	arbitrary	bubonic
ablative	acceptability	arbitrate	bugaboo
able	accessibility	arbitration	bumblebee
ablution	acrobat	arbitress	cabal
ably	adaptability	arbor	cabalistic
abnegation	adobe	arboreal	caballero
abnormal	advisability	arbutus	cabaret
abnormality	affability	arquebus	cabin
abode	akimbo	asbestos	cabinet
abolish	alabaster	assemblage	cable
abolition	albatross	assemble	caboose
abomination	albeit	assembly	calabash
aboriginal	albinism	attribute	calaboose
aborigines	albino	attribution	caliber
abortion	album	auburn	calibrate
abortive	albumen	audibility	calibre
about	albuminous	automobile	cambium
above	alembic	automobilist	cambric
abrade	algebra	availability	candelabrum
abrasion	algebraic	baby	cannibal
abrasive	alibi	balbriggan	capability
abrogate	alphabetize	bambino	carabineer
abrupt	ambassador	bamboo	carbide
abscess	amber	bamboozle	carbine
absence	ambergris	barbarian	carbohydrate
absent	ambidextrous	barbaric	carbolic
absentee	ambient	barbarism	carbon

carbonate	credibility	embargo	forbearance
carbonic	crumble	embarrass	forboding
carboniferous	crumbly	embassage	forby
carbonize	cubic	embassy	forbode
carborundum	cubit	embellish	fumble
carbuncle	cucumber	ember	furbelow
carburetor	culdesac	embezzle	furbish
caribou	cumber	emblem	garbardine
carteblanche	cumbrous	emblematic	gaby
catawba	cupboard	embodiment	gable
celebrant	cymbal	embolden	gamble
celebrate	debacle	embolish	gambler
celebration	debate	embrasure	gambol
celebrity	debauch	embroider	garbage
celibacy	debauchee	embryo	garble
cerebellum	debauchery	embryology	giblet
cerebral	debenture	embryonic	globular
cerebrum	debilitate	encumber	globule
chamber	debility	encumbrance	goblet
chambray	debit	ennoble	goblin
chasuble	debonair	ensemble	goby
cherubic	debris	entablature	grumble
cherubin	debutante	equability	grumbler
chilblain	December	equilibrium	gullible
cinnabar	deliberate	establish	gumbo
circumambient	deliberation	exacerbate	habeas
clamber	dependability	excitability	haberdasher
elapboard	derby	exhibit	habergeon
cobalt	desirability	exhibition	habiliment
cobra	diabetes	exorbitant	habit
collaborate	diabetic	exuberance	habitat
collaboration	diabolic	fable	habitation
collaborator	digestibility	fabric	habitual
columbine	disburse	fabricate	habitude
combat	disembarkation	fabrication	habituate
combatant	dissemble	fabulous	halberd
combative	dissembler	faubourg	halbert
combination	distribute	feasibility	halibut
combine	distribution	febrile	hamburger
combustion	distributive	feeble	harbinger
compatibility	double	feebly	harbor
comprehensive	doublon	fiber	harquebus
concubine	dribble	fibril	hauberk
concubinage	dubious	fibrin	hemoglobin
confabulate	durability	fibroid	herbaceous
connubial	ebon	fibrous	herbarium
constabulary	ebony	fibular	hibernate
contraband	ebullition	filbert	hibernation
contribute	elaborate	filibuster	hibiscus
contribution	elaboration	flambeau	hillbilly
contributory	elbow	flamboyant	hobo
corroborate	eligibility	flexibility	hombre
corroboration	Elizabeth	foible	hornblende
cranberry	embarcation	forbade	hospitable

hullabaloo	legibility	nobody
humble	liability	November
humbly	libation	number
hurlyburly	libel	obdurate
husband	liberal	obduracy
hybrid	liberality	obedience
hydrophobia	liberate	obedient
hyperbola	liberation	obeisance
hyperbolic	liberty	obelisk
hyperborean	librarian	obese
iambic	library	obesity
ibex	libretto	obey
ibid	limber	obituary
ibis	limbo	object
iceberg	lobster	objection
imbecile	lubricant	objurgation
imbecility	lubricate	oblate
imbricate	lubrication	oblation
imbroglio	lucubration	oblige
inbrue	lugubrious	obligate
inbue	lullaby	obligation
inaccessibility	lumbago	obligatory
incubate	lumber	oblige
incubation	lumbar	oblique
incubus	malleability	obliquity
incumbent	mandible	obliterate
incumber	mandible	obliterate
incunabula	marabou	oblibion
indestructibility	marble	oblong
inebriate	maybe	obloquy
inebriety	member	obnoxious
infallibility	membrane	oboe
inhibit	membranous	obscene
inhibition	metabolism	obscenity
invertebrate	metabolic	obscure
inviolability	microbe	obsequies
irritability	mobile	obsequious
jabot	mobility	observance
jerboa	mobilization	observant
jubilant	mobilize	observation
jubilee	morbid	observatory
jumble	morbidity	observe
jumbo	moribund	obsess
knickerbocker	mumble	obsession
kehlrabi	mutability	obsidian
label	nabob	obsolescent
labial	navigability	obsolete
labor	nebula	obstacle
laboratory	nebulous	obstetric
labored	neighbor	obstetrician
laborious	niblick	obstinacy
laburnum	nimble	obstinate
labyrinth	nimbus	obstreperous
lambaste	nobility	obstruct
larboard	noble	obstruction
	noblesse	obtain

obtrude	ramble	somber
obtruse	rebate	sombrero
obverse	rebec	soubrette
obviate	rebel	stability
obvious	rebellion	stabilization
October	rebellious	stabilize
omnibus	rebuke	stable
opprobrious	rebus	stablish
opprobrium	rebut	steenbok
orbicular	rebuttal	stumble
orbit	recumbent	subaltern
subliette	rehabilitate	subclavian
pabulum	rehabilitation	subcommittee
parable	reliability	subconscious
parabola	remember	subcutaneous
parabolic	remembrance	subdeacon
parboil	reprobate	subdeb
perambulate	reprobation	subdivide
perambulation	republic	subdivision
perturbation	resemblance	subdue
phoebe (P)	resemble	subject
plausibility	respectability	subjection
plebeian	retribution	subjoin
plebiscite	reverberate	subjugate
plebs	reverberation	subjugation
plumbago	rhubarb	subjunctive
polysyllabic	ribald	sublet
possibility	riband	sublimate
practicability	robin	sublimation
prebendary	robust	sublime
presbyterian	ruble	sublimity
presbytery	rubric	sublunary
prescribe	rumba	sublunar
probability	rumble	submarine
probate	rutabaga	submaxillary
probation	saber	submerge
probity	sable	submission
problem	sabot	submit
proboscis	sabotage	subnormal
prohibit	salubrious	suborder
prohibition	scramble	subordinate
prohibitive	sebaceous	subordination
protuberance	semblance	suborn
proverbial	sensibility	subpoena
puberty	September	subscribe
public	shambles	subscription
publican	sherbet	subsection
publication	sibilant	subsequent
publicity	Sibyl	subserve
publicize	slumber	subservient
publish	sober	subside
pueblo	sobriety	subsidence
punishable	sociability	subsidiary
rabid	solubility	subsidize
rabies	soluble	subsidy

subsist	suitability	tribunal	unbounded
subsistence	susceptibility	tribunate	unburied
subsoil	sybarite	tribune	urban
substance	symbol	tributary	urbane
substantial	symbolic	tribute	urbanity
substantive	symbolise	trombone	usable
substation	tabard	troubadour	vagabond
substitute	tabasco	trouble	variability
substitution	table	tuba	verbatim
substratum	tableau	tuber	verbena
substructure	tablet	tubercle	verbose
subtend	taboo	tubercular	verbosity
subterfuge	tabor	tuberculosis	vertebra
subterranean	taboret	tubular	vertebrate
subterraneous	tabulate	tubule	vestibular
subtile	tabulation	tumble	vestibule
subtility	tambourine	tumbrel	vibrant
subtitle	tangibility	turban	vibrate
subtract	thimble	turbid	vibration
subtraction	tibia	turbine	vibratory
subtrahend	timbale	turbot	visibility
subtreasury	timber	turbulence	visible
subtropical	timbre	ubiquitous	vocabulary
suburb	timbrel	umber	voluble
suburban	tintinnabulation	umbra	volubly
subvention	tobacco	umbrage	warble
subversion	toboggan	umbrageous	warbler
subversive	treble	umbrella	woodbine
subvert	tremble	unable	wimble
subway	tribulation	unbecoming	zebra

20.1d b final in syllables, as in club [klab]. For final silent b, see section 20.3.

absorb	disturb	lab	slob
adverb	drab	lob	snob
barb	drub	mob	snub
bib	dub	nab	sob
blab	fib	nabob	squab
blurb	fob	nob	squib
bob (B)	gab	orb	stab
boob	garb	perturb	stub
bulb	glib	proverb	sub
cab	gob	pub	subdeb
cherub	grab	rhubarb	suburb
chub	grub	rib	superb
club	herb	rob	swab
cob	hob	rub	tab
crab	hub	sahib	throb
crib	hubbub	scab	tub
cub	jab	scarab	verb
curb	jib	scrub	web
dab	job	shrub	
daub	knob	slab	

20.1e b followed by final silent e retains its pronunciation of [b], as in robe [roub].

ascribe	cube	imbibe	proscribe
astrolabe	describe	jibe	robe
babe	gibe	kibe	scribe
bribe	globe	lobe	tribe
circumscribe	grebe	probe	tube

20.2 bb wherever found, as in ebb [ɛb], rubber [rʌbɚ, rʌbə]. In terms of phonetic distribution bb, as well as all other double consonants, is never found initially, only medially and sometimes finally.

abbe	dibble	knobbed	sabbatical
abbess	dobbin	knobby	scabbard
abbey	dribble	lobby	scrabble
abbot	drubbing	lubber	scribble
abbreviate	ebb	nibble	scrubby
babble	fibber	nubbin	shabby
babbitt	flabby	pebble	shibboleth
babbler	flabbergast	pebbly	shrubbery
blubber	flibbertigibbet	quibble	slobber
bobbin	gabble	rabbi	snubby
Bobby	gibber	rabbinical	squable
cabbage	gibbet	rabbit	stubble
cabby	gibbon	rabble	stubby
chubby	gobble	ribband	tabby
cobble	grubby	ribbon	wabble
cobbler	hobble	robber	webbed
crabbed	hobby	robbery	webbing
cribbage	hubbub	rubber	wobbly
cubbyhole	jabber	rubbish	
dabble	jobber	rubble	

20.3 b is silent before t and after m in the same syllable, as in debt [dɛt], dumb [dʌm].

bomb	combe	hecatomb	subpoena
bomber	coxcomb	jamb	subtile
buncombe	crumb	jambe	subtle
catacomb	debt	lamb	succumb
climb	doubt	limb	thumb
climber	dumb	numb	tomb
comb	dumbfound	plumb	womb

21. THE SOUND [d]

The spellings of [d] are:

1. d wherever found, except as below:
2. dd wherever found.

Note: For other pronunciations of d, see:

1. d in dg, section 22.3.
2. d before y in unstressed syllables, section 22.6a.
3. Silent d section 21.3.

The distribution of [d] in English words is as follows:

A. [d] alone.

1. Initially in syllables, as in dale [deɪl], ado [ə'du].
2. Finally in syllables, as in hood [hʊd], medley ['medli].

B. In phonetic clusters.

1. Initially in syllables, as in
 - a. dr - draw [dɹɔ]
 - b. dw - dwelt [dweɪl]
2. Finally in syllables, as in
 - a. [dz] - roads [roudz]
 - b. [rd] - cord [kɔrd, kɔ:d]
 - c. [rdz] - cords [kɔrdz, kɔ:dz]
 - d. [ld] - fold [fould]
 - e. [ldz] - folds [fouldz]
 - f. [nd] - end [end]
 - g. [ndz] - bends [bendz]
 - h. [bd] - ribbed [ribd]
 - i. [rbd] - barbed [barbd, ba:bd]
 - j. [md] - blamed [bleɪmd]
 - k. [rmd] - harmed [harmd, ha:md]
 - l. [sd] - pleased [pli:zd]
 - m. [gd] - begged [begd]
 - n. [dʒd] - raged [reɪdʒd]
 - o. [ndʒd] - ranged [reɪndʒd]
 - p. [ðd] - clothed [kloʊðd]
 - q. [dθ] - width [wɪdθ]
 - r. [vd] - saved [peɪvd]
 - s. [rvd] - carved [kɑrvd, kɑ:vd]
 - t. [lvd] - delved [delvd]

Words with [d] are grouped for practice as follows:

21.1a d initially before vowels in words, as in dope [doup].

dab	dank	death	declaratory
dabble	dapper	debauch	declare
dace	dapple	debar	declension
dachshund	dare	debase	declination
dactyl	dark	debasement	decline
dad	darling	debate	declivity
dado	darn	debatable	decoction
daddy	darnel	debauch	decode
daemon	dart	debauchee	decollete
daffodil	dastard	debenture	decomposition
dagger	data	debutante	decompound
daguerreotype	date	decade	decor
dahlia	dativ	decadence	decorate
daily	datum	decadent	decorative
dainty	daub	decalog	decorous
daintily	daughter	decamp	decorum
dairy	daunt	decant	decoy
dais	dauphin	decapitate	decoy
daisy	davenport	decapitation	decrease
dale	davit	decay	decree
dalliance	daw	decease	decrement
dally	dawdle	deceased	decrepit
dam	dawn	deceit	decretal
damage	day	deceive	decry
damask	daze	December	dedicate
dame	dazzle	decemvir	deduce
damn	deacon	decency	deduct
damnable	dead	decent	deduction
damnation	dead	decentralize	deductive
damned	deafen	deception	deed
demoiselle	deaf	deceptive	deem
damosel	deal	decide	deep
damp	dealt	decidedly	deer
dampen	dean	deciduous	deface
damsel	dear	decigram	defalcation
damson	dearie	decimal	defamation
Dan	deary	decimate	defamatory
dance	dearth	decimeter	defame
dandelion	debilitate	decipher	default
dander	debility	decision	defeat
dandle	debit	decisive	defect
dandruff	debonair	deck	defection
dandy	debonaire	declaim	defend
dang	debris	declaimer	defence
danger	debt	declamation	defense
dangerous	debunk	declamatory	defer
dangle	debut	declaration	deference
	debutant		

differential	delineate	denature	depression
defiance	delineation	denial	deprivation
deficiency	delinquency	denim	deprive
deficit	delinquent	denizen	depth
defile	deliquescent	denominate	deputation
defilement	delirious	denomination	depute
define	delirium	denote	deputy
definite	deliver	denounce	derange
definition	deliverance	dense	derangement
definitive	dell	density	derby
deflate	delphinium	dent	derelict
deflation	delta	dental	dereliction
deflect	delude	dentifrice	deride
deflection	deluge	dentine	derision
deflower	delusion	dentist	derisive
deforest	delusive	dentition	derivation
deform	delve	denudation	derivative
deformation	demagnetize	denude	derive
deformed	demagogue	denunciation	dermatologist
defraud	demand	deny	dermis
defray	demarcation	deodorant	derogate
deft	demean	deodorize	derogation
defunct	demeanor	depart	derogatory
defy	demented	departmental	derrick
degeneracy	dementia	departure	dervish
degenerate	demerit	depend	descant
degeneration	demesne	dependence	descend
degradation	demigod	depict	descent
degrade	demi-john	depiction	describe
degree	demilitarize	depilatory	description
dehiscent	demise	deplete	descry
deification	demobilize	depletion	desecrate
deify	demobilization	deplorable	desecration
deign	democracy	deplore	desert
deist	democrat	deploy	deserter
deity	democratize	deponent	desertion
dejected	demoiselle	depopulate	deserve
dejection	demolish	depopulation	desiccate
delay	demolition	deport	desiderata
delectable	demon	deportation	design
delectation	demoniac	depose	designate
delegate	demonology	deposit	designation
delegation	demonstrable	deposition	desirability
deleterious	demonstrate	depository	desirable
delft	demonstration	depot	desire
deliberate	demonstrative	depraved	desirous
deliberation	demonstrator	depravity	desist
delicacy	demoralization	deprecate	desk
delicate	demoralize	deprecation	desolate
delicatessen	demote	deprecatory	desolation
delicious	demotic	depreciate	despair
delight	demur	depreciation	despatch
delimit	demure	depredation	desperado
delimitation	den	depress	desperate

desperation	devoid	dietary	dingy
despicable	devoir	dietetic	dinner
despise	devolution	dietician	dinosaur
despite	devolve	differ	dint
despoil	devote	difference	diocesan
despond	devour	different	diocese
despondence	devout	differential	dioecious
despot	dew	difficult	diorite
despotism	dexter	difficulty	dioxide
desert	dexterity	diffidence	dip
destination	dextrin	diffraction	diphtheria
destine	diabetes	diffuse	diphthong
destitute	diabetic	diffusion	diploma
destitution	diabolic	dig	diplomat
destroy	diadem	digitalis	dire
destruction	diagnose	digest	direct
destructive	diagnosis	digestion	direction
desuetude	diagnostic	dight	dirge
desultory	diagonal	digit	dirigible
detach	diagram	dignify	dirk
detail	diagrammatic	dignitary	dirt
detain	dial	dignity	disability
detect	dialect	digress	disable
detection	dialogue	digression	disabuse
detention	diamagnetic	dike	disadvantage
deter	diameter	dilapidated	disadvantageous
deteriorate	diametrical	dilapidation	disaffected
deterioration	diamond	dilate	disaffection
determinable	diapason	dilation	disagree
determinate	diaper	dilatory	disagreeable
determination	diaphanous	dilemma	disagreement
determine	diaphragm	dilettante	disallow
deterrent	diarrhea	diligence	disallowance
detest	diary	dill	disappear
detestation	diastase	dilute	disappearance
dethrone	diatom	dilution	disappoint
detonate	diatonic	diluvial	disappointment
detonation	dibble	dim	disapprobation
detour	dice	dime	disapproval
detract	dick	dimension	disapprove
detraction	dicotyledon	diminish	disapprovingly
detriment	dictate	diminuendo	disarm
detritus	dictation	diminution	disarmament
deuce	dictator	diminutive	disarrange
devastate	dictatorial	dimity	disarrangement
devastation	diction	dimple	disarray
develop	dictionary	din	disaster
deviate	dictum	dine	disavow
deviation	did	dinette	disband
device	didactic	dingdong	disbar
devil	dido	dinghy	disbelief
devious	die	dinginess	disbelieve
devise	dielectric	dingle	disburden
devitalize	diet	dingy	disburse

disc	disembowel	dismay
discard	disenchant	dismember
discern	disencumber	dismemberment
discharge	disengage	dismiss
disciple	disengaged	dismount
disciplinary	disingenuous	disobedience
discipline	disentangle	disobedient
disclaim	disestablish	disobey
disclose	disestablishment	disorder
disclosure	disesteem	disorderly
discolor	disfavor	disorganization
discoloration	disfigure	disorganize
discomfit	disfigurement	disown
discomfiture	disfranchise	disparage
discomfort	disgorge	disparity
discompose	disgrace	dispart
discomposure	disgruntled	dispassionate
disconcert	disguise	dispatch
disconnect	disgust	dispel
disconnection	dish	dispensary
disconsolate	disharmony	dispensation
discontent	dishearten	dispense
discontented	disheveled	dispeople
discontinuance	dishonest	disperse
discontinue	dishonesty	dispersion
discontinuity	dishonor	dispirit
discontinuous	dishonorable	displace
discord	disillusion	displacement
discount	disillusionment	display
discountenance	disinclination	displease
discourage	disinclined	displeasure
discouragement	disinfect	disport
discourse	disinfectant	disposable
discourteous	disinfection	dispose
discourtesy	disinherit	disposition
discover	disintegrate	dispossess
discredit	disintegration	dispraise
discreditable	disinter	disproof
discreet	disinterested	disproportion
discrepancy	disinterestedness	disproportional
discrete	disjoin	disproportionate
discretion	disjoint	disprove
discriminate	disjointed	disputable
discrimination	disjunction	disputant
discrown	disjunctive	disputation
discursive	disk	dispute
discus	dislike	disqualification
discuss	dislocate	disqualify
discussion	dislocation	disquietude
disdain	dislodge	disquiet
disease	disloyal	disquisition
disembark	disloyalty	disregard
disembarkation	dismal	disreputable
disembody	dismantle	disrepute

disrespect	distress	dog	dost
disrespectful	distribute	doge	dot
disrepute	distribution	dogma	dotard
disrupt	distributive	dogmatic	dote
disruption	district	doily	doth
dissatisfaction	distrust	doings	double
dissatisfied	disturb	doit	doubloon
dissatisfy	disulfide	dolce	doubt
dissect	disunion	doldrums	douche
dissection	disunite	dole	dough
dissemble	disuse	doll	doughnut
disseminate	ditch	dollar	doughty
dissemination	ditto	dolomite	dour
dissension	ditty	dolor	douse
dissent	diurnal	dolorous	dove
dissertation	divan	dolphin	dove
disservice	dizen	dolt	dowager
dissever	dive	domain	dowdy
dissimilar	diverge	dome	dowel
dissimilarity	divergence	domestic	dower
dissimulation	diverse	domesticate	down
dissipate	diversification	domestication	dowry
dissipation	diversify	domesticity	doxology
disseminate	diversion	domicile	doxy
dissociation	divert	domiciliary	doze
dissolute	divest	dominance	dozen
dissolution	divide	dominate	dual
dissolve	dividend	domination	duality
dissonance	divination	domine	dub
dissuade	divine	domineer	dubious
distaff	divinity	dominion	ducal
distain	divisible	domino	ducat
distal	division	don	duchess
distance	divisor	donate	duchy
distant	divorce	donation	duck
distaste	divulge	donative	duct
distemper	dizzy	done	ductility
distend	do	donjon	dud
distension	doat	donkey	dude
distention	dobbin	donna	dudgeon
distich	docile	donor	due
distill	docility	dont	duel
distillate	dock	doodle	duello
distillation	doctor	doom	duenna
distinct	doctrinaire	door	duet
distinction	doctrine	dope	duff
distinguish	document	dormant	dug
distort	dodder	dormer	duke
distortion	dodge	dormitory	dulcet
distract	doe	dormouse	dulcimer
distract	doer	dorsal	dull
distrain	does	dory	duly
distrain	doesnt	dose	dumb
distract	doff	doss	dumdum

dundfound	duodecimo	duress	dying
dundfound	dupe	during	dyke
dummy	duplex	durst	dynamic
dump	duplicate	dusk	dynamite
dun	duplication	dust	dynamo
dunce	duplicity	dutch	dynast
dune	durability	duteous	dynasty
dung	durable	dutiable	dyne
dungeon	duralumin	duty	dysentery
dunk	durance	dye	dyspepsia
duo	duration	dyer	

21.1b d initially before the consonants r and w as in dread [dred], dwarf [dwɔrf, dwɔ:f].

drab	drave	dried	drought
drachm	draw	drier	drouth
draff	drawer	drift	drove
draft	drawl	drill	drown
drag	drawn	drily	drowse
dragon	dray	drink	drub
dragoon	dread	drip	drudge
drain	dream	drive	drug
drake	dreamt	driven	drum
dram	drear	drizzle	drumlin
drama	dredge	droll	drunk
dramatic	dregs	dromedary	dry
dramatization	drench	drone	dryad
dramatize	dress	droop	dwarf
drank	drest	drop	dwelt
drape	drew	dropsical	dwelt
drastic	dribble	dropsy	dwindle
draught	dribble	dross	

21.1c d in medial and final syllables, alone or in clusters, as in indeed [in'did], medallion [mɛ'dæljən, mɪ'dæljən]. For complete list of clusters, see introduction to this section.

abandon	accidental	adaptation	admirable
abdicate	accommodate	adenoids	admiral
abdomen	accordance	adept	admiration
abdominal	accordant	adequacy	admire
abduct	accordion	adequate	admirably
abiding	accredit	adhere	admissible
absurdity	acetanilid	adherence	admission
abundance	acidity	adhesion	admit
academe	acidosis	adhesive	admittance
academic	adage	adieu	admittedly
academician	adagio	adipose	admixture
academy	adamant	administer	admonish
accidence	adapt	administration	admonition

admonitory	animadvert	beldam	candy
ado	anodyne	beldame	carbohydrate
adobe	antecedent	belladonna	carborundum
adolescence	antediluvian	benedicite	cardiac
adopt	antidote	benedict	cardigan
adoption	antipodes	besides	cardinal
adorable	appendectomy	bewilder	cathedral
adoration	appendicitis	billetdoux	caudal
adore	appendix	billiards	cauldron
adorn	aqueduct	birdie	cedar
adroit	ardent	blunder	celandine
adulterate	ardor	bodice	chalcedony
adultery	aridity	bodiless	chandelier
advance	armada	bodkin	chandler
advantage	armadillo	body	chefd'oeuvre
advantageous	asafetida	bonafide	chickadee
advent	ascendancy	boodle	children
adventitious	asphodel	border	chowder
adventure	assiduity	boredom	cicada
adverb	assuredly	boudoir	cider
adversary	asunder	boulder	cinder
adverse	attainder	boundary	citadel
adversity	attendance	boulder	clandestine
advert	audacious	braggadocio	clepsydra
advertise	audacity	brandish	codex
advertisement	audibility	brandy	codicil
advertisement	audible	bravado	codification
advice	audience	breadth	coincidence
advise	audio	bridal	coincident
advisedly	audit	bridle	coincidental
advisory	audition	brigadier	colander
advocacy	auditorium	brindle	collodion
advocate	auditory	brine	colloidal
advocate	autodafe	broider	comedian
ads	avidity	broidery	comedienne
adze	avocado	bundle	comedy
aedile	avoirduois	burden	commandant
affidavit	avowedly	burdock	commandeer
aggrandize	bactericidal	cadaverous	commendation
agitatedly	baldric	cadence	commodious
aidedecamp	bandanna	cadet	commodity
aidedecamp	bandeau	cadi	commodore
airdrome	banderman	cadmium	compendious
alcalde	bandit	caduceus	compendium
alder	bandoleer	caldron	composedly
ambassador	bandy	calendar	concordance
ambassadorial	bastinado	candelabrum	concordant
ambassadress	battledore	candid	concordat
ambidextrous	beadle	candidacy	condemn
amidst	bedight	candidate	condemnation
anaconda	bedizen	candidature	condensation
andiron	bedlam	candied	condense
anecdote	bedraggle	candle	condescend
animadversion	beholden	candor	condescension

condign	credulity	doldrums	exordium
condiment	crepedechine	doodle	expediency
condition	crescendo	dowdy	expedite
condole	crocodile	dromedary	expedition
condolence	crudity	dukedom	expeditious
condone	cupidity	dumdum	expenditure
condor	curdle	duodecimo	extradite
conduce	cuspidor	dwindle	extradition
conductive	custodian	earldom	extraordinary
conduct	custody	echidna	exudation
conduction	cyclopedia	echinoderm	fandango
conductive	cylinder	ectoderm	fastidious
conductivity	cylindrical	edible	fecundity
conduit	dado	edict	federal
confederacy	daffodil	edification	federate
confederate	dandelion	edifice	federation
confederation	dander	edify	feldspar
confessedly	dandle	edit	feudal
confidant	dandruff	edition	fidelity
confidence	dandy	editor	fiduciary
confident	dawdle	editorial	fixedly
confidential	deaden	educer	fleurdelis
confiding	debut	elder	flounder
confusedly	decadence	elucidate	fluoride
conquistador	decadent	elucidation	folderol
consider	dedicate	embodiment	fondle
considerable	deduce	embolden	forboding
considerate	deduct	embroider	formidable
consideration	deductive	emendation	formaldehyde
consolidate	degradation	encyclopedia	foundation
consolidation	denudation	encyclopedic	freedman
contradict	deodorant	endeavor	freedom
contradiction	deodorize	endemic	Friday
contradictory	dependence	endive	frigidity
conundrum	depredation	endocrine	fundamental
coordinate	deservedly	endorse	gabardine
coordination	desiderata	endosperm	gander
cordillera	designedly	endothelial	garden
cordon	desperado	endow	gardenia
corduroy	despondence	endue	gaudy
coriander	devotee	endure	gelding
correspondence	devotion	epidemic	gendarme
corridor	diadem	epidermis	gender
corundum	dicotyledon	eradiate	geodetic
cotyledon	didactic	eradicate	germicide
couldn't	dido	erudite	gerrymander
coupdetat	diffidence	erudition	girdle
cradle	dilapidated	escadrille	gladiator
credence	dilapidation	evidence	gladiatorial
credentials	diminuendo	evident	gladiola
credibility	dingdong	exactitude	gondola
credible	disdain	excitedly	gondolier
credit	disgustedly	exodus	gormandizer
credo	dividend		gradation

gradient	hydrographic	index
grandam	hydroid	indian (I)
grandame	hydrometer	indicate
grandiloquence	hydrophobia	indication
grandiose	hydroscopic	indicative
grenadier	hydrostatic	indict
guardian	hydroxide	indigence
guerdon	hydroxyl	indigenous
guidance	hydrozoan	indignant
guidon	hypochondriac	indignation
gulden	hypodermic	indigo
hacienda	idea	indissoluble
handicap	ideal	indite
handicraft	idealize	individual
handiwork	identical	individuality
handle	identification	indoctrinate
hardihood	identify	indolence
harridan	identify	indomitable
heathendom	ideograph	indorse
heraldic	ideology	indubitable
hereditary	ides	induce
heredity	idiocy	induction
hermaphrodite	idiom	indulge
heterodox	idiomatic	indulgence
hidalgo	idiosyncrasy	indulgent
hideous	idiot	industrial
higgledypiggledy	idiotic	industrious
hinder	idle	industry
hindermost	idol	infidel
hindrance	idolatry	ingredient
hippodrome	idolize	innuendo
holiday	idyl	insidious
hoedlum	idyllic	insipidity
hoedoo	immediacy	interdict
horsd'oeuvre	immediate	intermediary
howdah	impediment	intermediate
hoysen	impudence	intimidate
humidity	inadvertently	intrepidity
humidor	incandescence	introduce
hundred	incarnadine	introduction
hurdle	incarnadine	inundate
hurdygurdy	incendiary	inundation
hydra	incidence	invalidate
hydrangea	incident	invalidism
hydrant	incidental	invidious
hydrate	indeed	iodide
hydraulic	indefatigable	iodine
hydride	indefeasible	iodoform
hydrocarbon	indelible	iridescence
hydrochloric	indemnification	irradiate
hydrocyanic	indemnify	irremediable
hydroelectric	indemnity	jackdaw
hydrofluoric	indentation	jaundice
hydrogen	indenture	jeopardy

jodhpurs	matador	mikado	ordnance
judicature	maudlin	milady	ordure
judicial	maunder	mildew	organdy
judiciary	meadow	modal	orthodox
juridical	meander	model	oxidation
jurisdiction	medal	moderate	oxidize
jurisprudence	medallion	moderation	pachyderm
kaleidoscope	media	modern	padre
khedive	median	modernity	padrone
kidney	mediate	modest	pagoda
kindle	mediation	modesty	palladium
kindliness	medical	modicum	pandemonium
kindling	medicament	modification	pander
kindred	medicate	modify	paradigm
kingdom	medicinal	modiste	paradise
kodak	medicine	modus	paradox
lackadaisical	medieval	moidore	pardie
laden	mediocre	Monday	pardon
ladle	mediocrity	monody	parody
lady	meditate	morbidity	parricide
lambent	meditation	mordant	peccadillo
landau	medium	mundane	pedagogical
landscape	medlar	murder	pedagogue
lapidary	medley	myrmidon	pedal
laudanum	medulla	nadir	pedant
laudation	medullary	needle	pedantic
launder	Medusa	nephridium	pedestal
laundress	melodeon	nobody	pedestrian
laundry	melodic	nomadic	pedigree
lavender	melodious	nondescript	pediment
lemonade	melody	noodle	pedlar
linden	memoranda	nowadays	pendant
liquidate	memorandum	nudity	pendent
London	mendacity	obdurate	perdition
longitudinal	mendicant	obduracy	perfidious
lucidity	merchandise	obedience	perfidy
ludicrous	meridian	obedient	pericardium
macadam	mesdames	obsidian	periodic
madam	methodical	occident	periodicity
mademoiselle	midday	occidental	perpendicular
madras	midiron	occlude	philander
madrigal	midland	odious	placidity
Magdalen	midmost	odium	plaudit
majordomo	midrib	odor	plunder
malady	midriff	odoriferous	polyandry
mandarin	midship	oleander	pompadour
mandate	midst	ordain	ponder
mandatory	midway	ordeal	ponderous
mandible	midwest	order	poodle
mandolin	midwestern	ordinal	powder
mandragora	midwife	ordinance	prebendary
maruader	midwifery	ordinary	precedence
martyrdom	midwinter	ordinate	precedent
mastodon	midyear	ordination	predatory

predecessor	radiation	salamander
predestinate	radical	salmagundi
predicament	radicle	sandwich
predicate	radii	sardine
predication	radio	sardonic
predict	radish	Saturday
prediction	radium	scandal
predilection	radius	scandalize
prejudice	random	scoundrel
prejudicial	rapidity	sedan
preponderance	ready	sedate
presidency	recommendation	sedative
president	recondite	sedentary
presidential	recrudescence	sediment
primordial	redaction	sedimentary
princedom	redan	sedition
prodigal	redeem	seduce
prodigality	redemption	seduction
prodigious	redolent	sedum
prodigy	reduce	seldom
produce	reducible	sendal
product	reduction	serfdom
production	redundant	shadow
productivity	referendum	sheldrake
profundity	rejoinder	shoulder
promptitude	remainder	sidereal
propaganda	remedial	sidle
prosody	remedy	sirdar
provender	rendezvous	slander
providence	rendition	slender
providential	repudiate	smolder
prudence	repudiation	soda
prudential	residence	solder
psalmody	residential	solidarity
pseudo	residue	solidification
pseudonym	resplendent	solidify
pteroactyl	retardation	sordid
puddle	rhapsody	sodium
putridity	rhodium	spasmodic
pyramidal	rhododendron	speedometer
quadrangular	ridicule	spider
quadrant	ridiculous	spindle
quadrante	rigidity	splendid
quadrature	rodent	splendor
quadrennial	rodeo	sporadic
quadrilateral	rondeau	squadron
quadrille	rondel	squander
quadruped	rondo	stadium
quadruple	rotunda	standard
quandary	rowdy	standardize
quondam	rudiment	steady
radial	rudimentary	stevedore
radiant	sacerdotal	stolidity
radiate	sadism	strident

student	tendon	valedictory
studious	tendrill	validity
study	thralldom	vandal
stupendous	thunder	vanadium
stupidity	Thursday	vaudeville
sturdy	tidbit	vedette
subdeb	timidity	vendetta
subordinate	tinder	vendor
subordination	today	veranda
subsidence	toreador	verdant
subsidiary	tornado	verdict
subsidize	torpedo	verdigris
subsidy	torpidity	viaduct
suds	tradition	vindicate
suicidal	traduce	vindication
suicide	tragedian	vindictive
sundae	tragedy	vodka
Sunday	transcendental	voodoo
sunder	tremendous	wander
sundry	trepidation	warden
superintendent	trident	Wednesday
surrender	troubador	wheelie
swindle	trundle	widow
syndic	Tuesday	width
syndicalism	tundra	wilder
syndicate	tuxedo	window
tadpole	unconcernedly	wisdom
tandem	undeniable	wonder
tardy	under	yesterday
tatterdemalion	undulate	yodel
tawdry	undulation	yonder
tendency	unduly	zodiac
tender	unreservedly	zodiacal

21.1d d finally in syllables, alone or in clusters, as in bread [brɛd], seized [sɪzd]. For complete list of clusters, see introduction to this section.

Note: To determine whether the suffix ed is pronounced [d] or [t], observe the preceding consonant. If it is not t or d, and if voiced, ed will be pronounced [d], as in fagged [fægd], grooved [gruvd], etc. If the preceding consonant is t or d, ed will be pronounced as a separate syllable, as in hinted [hɪntɪd, hɪntəd], pleaded ['plɪdɪd, 'plɪdəd]. After voiceless consonants, ed is pronounced [t].

In a few exceptional words, ed after [g] is pronounced as a separate syllable, as in ragged [rægd, rægɪd], jagged [dʒægd, dʒægɪd]. Conversely, there are a few exceptional words in which ed, though preceded by a voiceless consonant, is nevertheless a separate syllable, as in accursed [əkɜrsəd, əkɜrsɪd], blessed [blɛsəd, blɛsɪd]. All these words are adjectives, and in some cases the pronunciations are survivals of

archaic pronunciations. Sometimes there are doublets with regularized pronunciations, such as blessed-blest, accursed-accurst.

abandoned	backward	bold	commend
abscond	bad	bombard	commissioned
absorbed	bald	bond	complicated
abstracted	ballad	boulevard	composed
absurd	band	bound	compound
accord	barbed	bowlegged	comprehend
accursed	bard	brad	conceited
acid	bargain	braid	concerned
acrid	barred	brand	concerted
ad	bastard	bread	concord
addicted	bawd	bred	condescend
affected	bead	breed	confirmed
afford	beaded	brigand	confound
afraid	*beaked	brindled	congested
afterward	beamed	broad	considered
aged	beard	brocaded	constipated
aid	bearded	bud	constrained
alkaloid	bed	build	content
allied	bedstead	bustard	contented
almond	beheld	buzzard	contraband
amazedly	behind	cad	contracted
ameboid	behold	camelopard	cord
amend	belated	canard	corded
amid	bemazed	candid	corned
and	bend	candied	correspond
aneroid	bended	card	corrugated
animated	benighted	carotid	costard
aniseed	besotted	caryatid	could
antiquated	beyond	castellated	countermand
antlered	bicuspid	celebrated	countrified
aphid	bid	certified	coward
append	bigoted	chambered	crabbed
applaud	bilobed	chard	creed
applied	bind	checkered	crested
apprehend	biped	chesterfield	cried
arachnid	bird	chid	crooked
arid	blackguard	child	crowd
armored	bland	chord	crowded
ascend	bleareyed	civilized	cud
ashamed	bled	clad	cultivated
assorted	bleed	clapboard	cultured
assured	blend	clod	cupboard
asteroid	*blessed	cloud	cupid
astound	blind	cod	curd
attend	blizzard	coed	*cursed
auld	blond	cold	*cussed
avid	blood	colloid	custard
avoid	blooded	colored	cycloid
awkward	board	command	dachshund

dad	emerald	frenzied	haunted
danned	empurpled	fretted	hazard
dappled	enamored	fried	head
dastard	end	friend	headland
dead	engaged	frigid	heard
decided	England	frond	hearted
decompound	ephod	froward	heavenward
deed	errand	fund	hed
defend	exceed	furred	heed
deformed	expand	gabbed	held
dejected	expend	gad	herald
delighted	expound	galliard	herd
demand	extend	garland	hid
demented	extended	gastropod	highland
demigod	fabled	gaud	hind
departed	fad	gawd	hinged
depend	famed	gerund	hitherward
depraved	fancied	gifted	hitherwards
deseend	fated	gild	hoard
despond	avored	gird	hod
determined	feathered	gizzard	hogshead
devoted	fecund	glad	hold
diamond	fed	gland	Holland
did	feed	gnarled	homestead
dignified	fend	goad	homeward
dilapidated	fervid	god (G)	homewards
discord	fetid	gold	honeyed
diseased	feud	gonad	hood
disgruntled	fevered	good	hooded
disheveled	fibroid	gourd	* hooked
disinclined	fid	gourmand	horned
disinterested	field	grad	horrid
disjointed	fiend	grained	hound
dissipated	find	grand	humid
distend	fiord	grandee	hundred
distilled	fjord	granulated	hurried
dividend	flaccid	greed	husband
dogged	fled	grid	hybrid
dotard	flood	grind	hydroid
downward	florid	grizzled	ibid
dread	fluid	ground	id
dreamland	fluted	guard	impassioned
dried	fold	guarded	impend
drunkard	fond	guild	implied
dryad	food	hackneyed	indebted
dud	ford	had	indeed
dullard	forehead	haggard	indisposed
earthward	forehanded	halberd	insipid
eastward	forfend	hallowed	instead
egad	forward	halyard	intrepid
elated	foulard	hand	invalid
eld	found	hard	inward
elevated	fraud	harpsichord	island
ellipsoid	freckled	hatred	ivied

jagged	married	pad	regard
jellied	matted	paid	remand
jeopard	mead	pallid	remind
jeopard	mean	palsied	removed
kid	need	pard	rend
kind	melodeon	* peaked	renowned
kindred	mend	pellucid	related
knead	metalloid	period	repeated
knobbed	method	plied	reprehend
knotted	mid	pillared	reprimand
labored	midland	pimpled	rescind
led	mild	placard	reserved
laggard	milliard	placid	resignedly
laid	mind	plaid	resolved
laird	minded	plead	resound
land	minuend	plod	respond
landed	mold	pod	retard
landward	monad	pointed	retired
languid	mood	pollard	reverend
larboard	moorland	pond	reward
lard	morbid	poniard	reynard (R)
laud	moribund	pood	ribald
lead	mould	portend	riband
learned	mound	potsherd	ribband
led	mud	pound	ribbed
leeward	mustard	preparedness	ribboned
legend	myriad	pretend	Richard
legged	naiad	privileged	rid
lend	naked	proceed	rigged
leopard	nard	prod	rigid
lettered	need	profound	rind
lewd	neroid	propertied	ringed
lid	newfangled	proportioned	road
limited	niggard	proteid	rod
limpid	nod	proud	rood
linseed	nomad	putrid	rotund
liquid	noncommissioned	pyramid	round
liveried	northland	quadruped	rugged
livid	northward	qualified	sacred
lizard	northwards	quid	sad
load	noted	rabid	said
lord (L)	offend	ragged	salad
loud	old	raid	salaried
lowland	onward	rancid	sand
lucid	onwards	rapid	scabbard
lurid	opinionated	read	scaffold
mad	orchard	rearward	scald
maenad	orchid	recommend	scold
maid	oread	record	scud
mainland	outward	red	seaward
mallard	outwards	redound	secluded
manifold	ovoid	reed	second
marigold	oxford (O)	refined	seed
markedly	oxid	refuted	send

carried	stood	tried	undaunted
shad	storied	tripod	undefeated
shard	strand	trod	undefended
shed	striated	tumid	undefiled
shepherd	striped	turbaned	undefined
shield	stud	turbid	undeserved
shod	studied	turgid	undisciplined
shoreward	studio	tweed	undiscovered
should	stupid	twould	undisguised
shred	subtrahend	typhoid	undismayed
shrewd	succeed	unabated	undisputed
shroud	sulphid	unabridged	undissolved
situated	sulphureted	unaccompanied	undisturbed
skald	superintend	unaccounted	undivided
skid	supposed	unaccustomed	undoubted
skilled	supposedly	unacquainted	undreamed
skyward	surround	unadorned	unearned
sled	superannuated	unadulterated	uneducated
sleeved	suspend	unadvised	unemployed
slid	sward	unaided	unenlightened
slipperd	sword	unalarmed	unenvied
sluggard	s wound	unalloyed	unequaled
sed	synod	unaltered	unexampled
sold	tabard	unanswered	unexpected
solid	talented	unarmed	unexpired
sophisticated	tamarind	unassisted	unexplained
sordid	tankard	unattended	unexplored
sound	tattered	unauthorized	unexpurgated
southward	tend	unblamed	unfaded
spavined	tepid	unbodied	unfathomed
spectacled	theyd	unbounded	unfeigned
sped	third	unbridled	unfledged
speed	thitherward	unburied	unformed
spend	thousand	unburned	unfounded
spheroid	thread	unchallenged	unfrequented
spirited	threshold	unchanged	unfulfilled
splendid	thud	uncharted	unglazed
spotted	thyroid	unchartered	ungoverned
spread	timbered	uncircumcised	unguarded
spud	timid	unclaimed	unhampered
spurred	tired	unclothed	unheeded
squad	titled	unclouded	unhonored
squalid	toad	unconcerned	unidentified
squid	told	unconditioned	unimpaired
staid	torpid	unconnected	unimproved
stand	torrid	unconquered	uninformed
standard	toward	uncontrolled	uninhabited
starred	transcend	uncorrupted	uninitiated
stead	trapezoid	uncounted	uninjured
steed	traveled	uncreated	uninspired
steward	tread	uncrowned	uninstructed
stilted	trend	uncultured	uninterrupted
stipend	triad	uncured	uninvited
stolid	tricuspid	undamaged	united

unlamented	unregarded	untuned	weed
unlearned	unrelieved	unturned	weird
unleavened	unremembered	untutored	weld
unlettered	unreproved	unused	wend
unloved	unrequited	unverified	westward
unmeasured	unreserved	unvisited	wheeled
unmitigated	unrestrained	unwanted	whered
unmolested	unrestricted	unwarranted	whiskered
unmoved	unrivalled	unwearied	wicked
unnamed	unruffled	unwonted	wield
unnumbered	unsatisfied	unwounded	wigged
unobserved	unscathed	upward	wild
unobstructed	unschooled	vagabond	wind
unoccupied	unseasoned	valid	winded
unopened	unsegmented	valuation	windward
unorganized	unsettled	valued	winged
unparalleled	unshaded	vapid	wizard
unpaved	unsigned	varied	wizened
unpeopled	unspoiled	variegated	woad
unperceived	unspotted	veined	wold
unperturbed	unstained	vend	wonted
unpitied	unsubdued	vested	wood
unplanned	unsuited	vian	wooded
unpleased	unsullied	vineyard	word
unplowed	unsupported	viscid	world
unpolluted	unsurpassed	vivid	worsted
unprecedented	unsuspected	vizard	would
unpremeditated	unsweetened	void	wound
unprepared	untamed	wad	wretched
unprincipled	untainted	wand	yard
unprotected	untasted	ward	yield
unprovided	untenanted	wattled	yond
unpruned	untrained	wayward	zoned
unquestioned	untrammeled	webbed	
unrecognized	untrimmed	wed	
unrecorded	untroubled	wedded	

21.1e d when followed by a final silent e. The final e does not affect the pronunciation of d as [d].

abode	attitude	bride	certitude
abrade	bade	brigade	charade
accede	ballade	brocade	chide
accolade	balustrade	bromide	chloride
aide	barricade	cannonade	cockade
allude	beatitude	carbide	code
altitude	beside	cascade	coincide
ambuscade	bide	cathode	collide
amplitude	blade	cavalcade	colonnade
anode	blockade	cede	commode
aptitude	blonde	centigrade	comrade
arcade	bode	centipede	concede

conclude	fortitude	masquerade	reside
confide	fusillade	mode	ride
corrode	germicide	monoxide	rode
crude	glade	multitude	rude
crusade	glide	node	secede
cyanide	grade	nude	seclude
decade	gratitude	obtrude	serenade
decide	grenade	occlude	servitude
decrepitude	guide	ode	shade
degrade	habitude	orangeade	side
delude	hide	oxide	solitude
deride	homicide	palisade	slide
desuetude	horde	parade	solicitude
dioxide	hornblende	parricide	solitude
dissuade	hydride	peroxide	spade
disulfide	hydroxide	persuade	stampede
divide	impede	pervade	stockade
dude	include	phosphide	stride
electrode	infanticide	platitude	strode
elude	infinitude	plenitude	subside
enfilade	insecticide	pomade	suede
episode	intercede	precede	suicide
escapade	interlude	preclude	sulphide
esplanade	intrude	prelude	supersede
etude	invade	preside	tide
evade	iodide	pride	tirade
exactitude	jade	promenade	trade
exclude	lade	promptitude	turpitude
explode	lassitude	protrude	velocipede
extrude	latitude	provide	verisimilitude
exude	lemonade	prude	vicissitude
facade	lode	quietude	wade
fade	longitude	recede	wide
fluoride	made	rectitude	
forbade	magnitude	rede	
forebode	marinade	regicide	
formaldehyde	marmalade	renegade	

21.2 dd wherever found. (It is never initial.)

add	biddy	fodder	meddle
addict	bladder	fuddle	meddler
addiction	buddy	giddy	midden
addition	caddice	gladden	middie
addle	caddie	goddess	middle
address	coddle	griddle	middy
adduce	cuddle	haddock	mollycoddle
adductor	daddy	hidden	muddle
bedding	diddle	ladder	noddy
befuddle	dodder	laddie	odd
bidden	eddy	madden	padding
bidder	fiddle	madder	paddle
bidding	finnanahaddie	madding	paddock

peddler	ridder	straddle	twiddle
peddle	riddle	studding	udder
plodder	rudder	sudden	waddle
pudding	sadden	swaddle	wedded
redden	saddle	toddle	wedding
reddish	shoddy	toddy	
riddance	shudder	trodden	
ridden	sodden	twaddle	

21.3a d is silent in two words, handkerchief and Wednesday.

21.3b d is silent in words in which the Latin prefix ad comes before the Anglicized j, now pronounced [dʒ].

adjacent	adjourn	adjunct	adjust
adjective	adjudge	adjuration	adjutant
adjoin	adjudicate	adjure	coadjutor

22. THE SOUND [dʒ]

The spellings of [dʒ] are:

1. j wherever found, except as below.
2. g before e, i sometimes and before y always.
3. dg in the same syllable.
4. d before u in an unstressed syllable.
5. d before i in an unstressed syllable in a few words.

Note: For other pronunciations of spellings of [dʒ], see:

1. g before e, i in native words, pronounced [g], section 24.1a.
2. g pronounced [ʒ] in French words, section 44.3.
3. i in exceptional pronunciations of a few words, sections 25.3 and 44.5.

The distribution of [dʒ] in English words is as follows:

- A. [dʒ] alone.
 1. Initially in syllables, as in gem [dʒem], agent ['eɪdʒənt].
 2. Finally in syllables, as in gaze [geɪdʒ], magic ['mædʒɪk].
- B. In phonetic clusters.
 1. Initially--never occurs.
 2. Finally in syllables, as in
 - a. [ndʒ] - change [tʃeɪndʒ]
 - b. [ndʒd] - ranged [reɪndʒd]
 - c. [ldʒ] - bulge [bʌldʒ]
 - d. [ldʒd] - bulged [bʌldʒd]
 - e. [rdʒ] - barge [bɑːrdʒ, bɑːdʒ]
 - f. [rdʒd] - charged [tʃɑːrdʒd, tʃɑːdʒd]

Words with [dʒ] are grouped for practice as follows:

22.1 j initially before vowels in syllables, as in jump [dʒʌmp], inject [ɪn'dʒekt].

abject	conjecture	conjunction	ejaculate
abjure	conjoin	conjure	ejaculation
abjuration	conjugal	dejected	eject
banjo	conjugate	dejection	ejection
cajole	conjugation	demijohn	
conjectural	conjunction	donjon	

enjoyable	jelly	jointure	juridical
inject	jennet	joist	jurisdiction
injection	jenny (J)	joke	jurisprudence
injure	jeopard	jokingly	jurist
injurious	jeopardy	jollity	jury
interject	jerbon	jolly	just
interjection	jerk	jolt	justice
jab	jersey (J)	jongleur	justifiable
jacinth	jessamine	jonquil	justification
jack (J)	jest	joss	justify
jackal	Jesus	jostle	justle
jackanapes	jet	jot	jut
jackdaw	jetsam	jounce	jute
jacket	jetty	journal	juvenile
jade	jew (J)	journey	juxtaposition
jag	jewel	joust	maharaja
jaguar	jewelry	jovial	majestic
jail	jib	jowl	*majolica
jam	jibe	joy	major
jamb	jiffy	joyous	majority
James	jig	jubilant	object
Jane	jiggle	jubilee	objection
jangle	jill (J)	judge	objurgation
janitor	jilt	judgment	pajamas
janissary	Jim	judicature	perjure
janisary	Jimmy (J)	judicial	perjury
January	jingle	judiciary	prejudice
jape	jing	jug	prejudicial
japonica	jinricksha	juggle	project
jar	jinrikisha	juggler	projection
jargon	jinx	jugular	rajah
jarl	jitney	juice	reject
jasmine	jitters	julep	rejection
jasper	jittery	July	rejoice
jaundice	job	jumble	rejuvenate
jaunt	jockey	jumbo	rejuvenation
javelin	jocose	jump	sojourn
jaw	jocular	junction	subject
jay	jocund	juncture	subjection
jaz	jodhpurs	June	subjugate
jealous	jog	jungle	subjugation
jean (J)	joggle	junior	subjunction
jeer	John	juniper	trajectory
john	johnnycake	junk	
jeune	join	junta	
jell	joint	junto	

22.2a g before e and i most of the time and always before y, wherever found, as in gentle ['dʒentl], legion [lɪdʒən], strategy ['strætədʒɪ]. [dʒ] before a in the word gnol and sometimes in margarine is an exceptional pronunciation.

aborigines	cogitation	eulogium	gentle
adagio	collegian	eulogize	gently
advantageous	collegiate	eulogy	gemflexion
agis	contagion	exaggerate	genuine
aged	contagious	exaggeration	gems
agency	contingency	exegesis	geodetic
agent	contingent	exegetical	geographer
agile	convergence	exigency	geographic
agility	courageous	flagellation	geography
agitate	criminologist	flageolet	geologic
algae	criminology	flagitious	geology
algebra	cyanogen	flibbertigibbet	geometric
algebraic	degeneracy	forging	geometry
allegiance	degenerate	fragile	georgette
allergia	degeneration	fragility	geranium
allergy	demonology	frigid	gerfalcon
analgesia	dermatologist	frigidity	germ
analogy	digitalis	fugitive	german (G)
anthology	digest	fungi	germane
anthropological	digestion	gaol	Germany
anthropology	digit	gee	germicide
apogee	diligence	gelatin	germinate
apologetic	dirigible	gelatinous	germination
apologia	divergence	gem	*gerrymander
apologize	dowager	gender	gerund
apology	doxology	genealogical	gesticulate
archaeological	effigy	genealogy	gesticulation
archaeologist	effulgence	genera	gesture
archaeology	egregious	general	giant
argent	elegiac	generality	glaour
astrologer	elegy	generalization	gibber
astrological	eligibility	generalize	gibbet
astrology	eligible	generate	gibe
bacteriological	embryology	generation	giblet
bacteriologist	emergence	generic	gigantic
bacteriology	energetic	generosity	gillyflower
belligerence	energize	generous	gin
biologic	energy	genesis	*ginkgo
biologist	engine	genetic	gipsy
biology	engineer	genial	giraffe
bourgeois	entomological	genie	gist
burgess	entomologist	genital	glycogen
cartilaginous	entomology	genitive	gorget
chirurgeon	epistemology	genius	gorgeous
chronological	ethnological	gens	gym
chronology	ethnology	gent	gymnasium
clergy	etymological	genteel	gymnast
cogeny	etymology	gentian	gyp
cogent	eugenic	gentile	gypsum
cogitate	eulogistic	gentility	gypsy

gyrate	logic	panegyric	religion
gyration	logical	pathogenic	religious
gyroscope	logician	pathological	rigid
gyve	magenta	pathology	rigidity
habergeon	magic	pedagogical	sacrilegious
halogen	magical	pelagic	sergeant
hegemony	magician	pharmacological	sociological
hegira	magisterial	pharmacology	sociology
heterogeneous	magistrate	philological	strategem
histology	managerial	philology	strategic
homogeneous	margent	phosgene	strategy
hydrogen	*margarine	phraseology	surgeon
hygiene	margin	phrenology	suffragette
hygienic	menagerie	physiological	surgeon
hygienist	metallurgical	physiology	syllogism
ideology	metallurgy	pigeon	technology
imagination	meteorological	plagiarism	tergiversation
imagine	meteorology	plagiarize	terminology
indigence	mineralogy	pongee	theologian
indigenous	morphology	primogeniture	theological
indulgence	morphological	prodigious	theology
indulgent	macilaginous	prodigy	tragedian
ingenious	mythological	progenitor	tragedy
ingenuity	mythology	progeny	tragic
ingenuous	negligence	psychological	trilogy
insurgent	negligent	psychology	turgid
integer	negligible	pugilism	unbrageous
intelligence	neuralgia	refrangible	urgent
intelligent	nitrogen	refrigerate	vagina
intelligentsia	nitrogenous	refrigeration	vegetable
intelligible	nostalgia	refugee	vegetarian
legend	octogenarian	refulgent	vegetate
legibility	orgy	regency	vegetation
legible	origin	regent	vestigial
legion	original	regicide	vigil
legislate	originate	regimen	vigilance
legislation	ornithological	regiment	virgin
legislature	ornithology	regimentation	Virginia
legitimate	outrageous	region	virginity
lethargic	oxygen	register	zoological
lethargy	pageant	registration	zoology
liturgy	paleontology	regurgitate	

22.2b g before final silent e. In these words, the final silent e serves to indicate that the g is "soft," i.e., pronounced [dʒ].

acreage	age	apannage	assemblage
adage	allege	appannage	assuage
advantage	anchorage	arrearrage	average

baggage	drainage	milonge	scrimage
bandage	embassage	mintage	seepage
barge	emerge	mirage	selvage
baronage	engage	mortgage	serge
barrage	ensilage	mucilage	sewage
baige	entourage	nonage	sewerage
besiege	equipage	oblige	shortage
beverage	espionage	orphanage	shrinkage
bilge	foliage	outrage	siege
bondage	forage	package	silage
breakage	forge	page	splurge
brigandage	frontage	parentage	stage
brokerage	fruitage	parsonage	steorage
bulge	fuselage	passage	stoppage
cabbage	gage	pasturage	storage
cage	garage	patronage	submerge
camouflage	garbage	peerage	subterfuge
carnage	gauge	percentage	suffrage
carriage	George	persiflage	surge
cartage	gorge	personage	swage
cartilage	gouge	pilgrimage	tankage
cellarage	haborage	pillage	tillage
charge	haulage	pilotage	tornage
cleavage	hemorrhage	plumage	trackage
coinage	herbage	portage	tutelage
college	heritage	postage	unbrage
concierge	hermitage	pottage	urge
concubinage	honage	poundage	usage
converge	hostage	presage	vagabondage
cooperage	huge	prestige	vantage
cordage	image	privilege	vassalage
corsage	indulge	purge	verbiage
cortage	language	rage	verge
cottage	large	ravage	vestige
courage	leakage	refuge	vicarage
coverage	leverage	rivage	village
cozenage	liege	rouge	vintage
cribbage	lineage	roughage	visage
damage	litharge	rummage	voltage
deluge	luggage	sabotage	voyage
disparage	manage	sage	wage
diverge	marge	salvage	wastage
divulge	marriage	sausage	wreckage
doge	massage	savage	yardage
dosage	merge	saxifrage	
dotage	message	scourge	

22.3 dge wherever found, as in badge [bædʒ].

acknowledge

adjudge

badge

begudge

bludgeon	edge	ledge	sedge
bridge	fidget	lodge	selvedge
budge	fledge	midge	slodge
budget	fudge	midget	sludge
cartridge	gadget	ridge	smudge
cedger	grudge	partridge	stodgy
gudgel	gudgeon	pledge	trudge
dodge	hedge	porridge	wedge
dredge	judge	pudge	widgeon
drudge	judgement (judgment)		
dudgeon	knowledge	ridge	

22.4 ge after n in monosyllables or in polysyllables where n closes an unstressed syllable and ge begins the following syllable, as in cringe [krɪndʒ], danger ['deɪndʒə, 'deɪndʒə].

angel	cringe	intangible	scavenger
angelic	danger	longevity	singe
angina pectoris	dangerous	longitude	sponge
angiosperm	dingy (dull)	lounge	sporangia
arrange	dungeon	lunge	stingy (miserly)
astrigent	estrangle	mange	strange
avenge	evangel	manger	stranger
challenge	evangelical	mangy	stringent
change	evangelist	meningitis	syringe
congeal	exchange	messenger	tangent
congener	expunge	orange	tangential
congenial	flange	passenger	tangerine
congeniality	fringe	pharyngeal	tangibility
congenital	ginger	plunge	tangible
congeries	grange	pongee	tinge
congest	harbinger	porringer	twinge
congestion	hinge	pungency	vengeance
contingency	hydrangea	range	
contingent	impinge	revenge	

22.5 gg in the Italian word loggia and sometimes in suggest. In the latter word, the first g is sometimes pronounced [g], and the second g as [dʒ]—[səgdʒest, sədʒest].

exaggerate
exaggeration

22.6 d before u in unstressed syllables. The influence of the vowel causes the palatalization of the preceding consonant.

acidulous	assiduous	deciduous	fraudulent
adulation	coeducational	educate	glandular
arduous	credulous	education	gradual

graduate	modulate	pendulous	schedule
graduation	modulus	pendulum	sedulous
grandeur	modulation	procedure	stridulate
individual	nodule	residual	verdure
individuality	ordure	residium	

22.6a d before ia, ie in the two words cordial and soldier.

22.7 eh exceptionally in spinach by voicing of [t].

23. THE SOUND [f]

The spellings of [f] are:

1. f wherever found, except as below.
2. ff wherever found.
3. ph in the same syllable.
4. gh in the same syllable, except when silent.

Note: For other pronunciations of f see:

1. f pronounced [v], section 39.3.
2. Silent f, section 23.5.

The distribution of [f] in English words is as follows:

A. [f] alone.

1. Initially in syllables, as in fad [fæd], rifle ['raɪfəl].
2. Finally in syllables, as in beef [bi:f], deference ['deɪərənts].

B. [f] in clusters.

1. Initially in syllables, as in
 - a. [fl] - flag [flæg]
 - b. [fr] - free [fri]
 - c. [sf] - sphere [sfɪə, sfiə]
2. Finally in syllables, as in
 - a. [fs] - proofs [pru:fz]
 - b. [mpf] - triumph ['traɪəmpf]
 - c. [mpfs] - nymphs [nɪmpfs]
 - d. [rf] - scarf [skɑ:f, ska:f]
 - e. [rfs] - scarfs [skɑ:fs, ska:fs]
 - f. [lf] - self [self]
 - g. [ft] - deft [deft]
 - h. [fts] - gifts [gifts]
 - i. [lft] - delft [delft]
 - j. [lfθ] - twelfth [twelfθ]
 - k. [lfθs] - twelfths [twelfθs]
 - l. [fθ] - fifth [fɪfθ]
 - m. [fθs] - fifths [fɪfθs]

Words with [f] are grouped for practice as follows:

23.1a f initially before vowels in words, as in find [faɪnd].

fa	falsetto	fatten	felucca
fable	falsification	fatuous	female
fabric	falsify	faubourg	feminine
fabricate	falsity	faucet	femur
fabrication	falter	fault	fen
fabulous	fame	faun	fence
facade	familiar	fauna	fend
face	familiarity	favor	fennel
facet	family	favorite	ferment
facetious	famine	fawn	fermentation
facial	famous	fay	fern
facies	fan	fealty	ferocious
facile	fanatic	fear	ferocity
facilitate	fancy	feasibility	ferret
facility	fane	feasible	ferric
facsimile	fang	feast	ferrous
fact	fantastic	feat	ferrule
faction	fantasy	feather	ferry
factionous	far	feature	fertile
factitious	farce	febrile	fertility
factory	fare	February	fertilization
factotum	farina	fecund	fertilize
factual	farm	fecundity	ferule
faculty	faro	fed	fervent
fad	farrage	federal	fervid
fade	farrier	federate	fervor
faerie	farrow	federation	festa
fag	farther	fee	festal
faggot	farthest	feeble	fester
fagot	fascas	feel	festival
fail	fascia	feet	festive
failure	fascinate	feign	festivity
fain	fascination	feint	festoon
faint	fascism	feldspar	fetch
fair	fascist	felicitate	fete
fairy	fashion	felicitation	fetid
faith	fast	felicity	fetish
fake	fasten	feline	fetlock
falshion	fastidious	fell	fetter
falcon	fat	fellow	fettle
fall	fatal	felly	feud
fallacious	fatality	felon	feudal
fallacy	fate	felonious	fever
fallen	father	felony	few
fallow	fathom	felspar	foz
false	fatigue	felt	fiance

fiancée	finale	foil	foreknowledge
fiasco	finality	foist	foreleg
flat	finance	fold	forelock
fib	financial	folderol	foreman
fiber	financier	foliage	foremost
fibril	finch	folio	forenoon
fibrin	find	folk	forensic
fibroid	fine	follicle	foreordain
fibrous	finesse	follow	forepay
fibular	finger	folly	forequarter
fickle	finial	foment	forerunner
fiction	finicky	fomentation	foresee
fictitious	finis	fond	foresight
fid	finish	fondle	forest
fiddle	finite	font	forestall
fidelity	finnanbaddle	food	forethought
fidget	flord	fool	foretold
fiduciary	fir	foot	forever
file	fire	fop	forewarn
fief	firm	for	foreword
field	firmman	forage	forfeit
fiend	firmament	foraminifera	forfeiture
fierce	first	foray	forgave
fiery	firth	forbad	forge
fiesta	fiscal	forbade	forget
fife	fish	forbear	forgive
fifteen	fission	forbearance	forgiven
fifth	fissure	forbid	forgo
fifty	fist	forboding	forgone
fig	fistula	force	forgot
fight	fit	forceps	fork
figurative	fitch	forcible	forlorn
figure	five	ford (P)	form
filament	fix	fore	formal
filbert	fixation	forebore	formaldehyde
filch	fixative	forecast	formalin
file	fixity	forecastle	formality
filial	fixture	foreclose	formation
fillet	fizz	foredoom	former
filibuster	fizzle	forefather	formic
filigree	foal	forefend	formidable
fill	foam	forefinger	formula
fillet	fob	forefoot	formulate
fillip	focal	foregather	formulation
film	focus	foregone	fornication
filter	fodder	foreground	forsake
filth	foe	forehead	forsook
filtration	fog	foreign	forsooth
fin	fogy	forehand	forswear
final	foible	foreknow	forsworn

feraythia	fount	fun	furniture
fert	fountain	function	surrow
fortalice	four	fund	further
forte	fourteen	fundamental	furthest
forth	fowl	funeral	furtive
fortification	fox	funerary	fury
fortify	foyer	funereal	furze
fortitude	fuchsia	fungi	fuse
fortress	fuddle	fungus	fuselage
fortuitous	fudge	fungus	fusible
fortunate	fuel	funk	fusileer
fortune	fugitive	funnel	fusillade
forty	fugue	fur	fusion
forum	fulcrum	furbelow	fuss
foss	fulfill	furbish	fustian
fossil	full	furlough	fusty
foster	fulminate	furor	futile
fought	fulsome	furious	futility
foul	fumble	furl	future
foulard	fume	furnace	futurity
found	fumigate	furnish	fuzz
foundation	fumigation	furrier	

23.1b f initially in clusters, as in fly [flaɪ], and fresh [freʃ].

flabby	flaunt	flimsy	flotilla
flabbergast	flavor	flinch	flotsam
flaccid	flaw	fling	flounce
flag	flax	flint	flounder
flagellation	flay	flip	flour
flageolet	flea	flippancy	flourish
flagitious	fleck	flirt	flout
flagon	flad	flirtation	flow
flagrant	fledge	flit	flower
flail	flee	flitch	flown
flair	fleece	flivver	flu
flake	fleer	float	fluctuate
flambeau	fleet	flock	fluctuation
flamboyant	flesh	floe	flue
flame	fleur-de-lis	flog	fluent
flamingo	flew	flood	fluff
flange	flex	floor	fluid
flank	flexibility	flop	fluke
flannel	flexible	flora (F)	flume
flap	flexure	Florence	flung
flare	flibbertigibbet	florid	flunk
flash	flick	florin	fluorescence
flask	flier	florist	fluoride
flat	flies	floss	flurry
flatter	flight	flotation	flush

fluster	fraternal	friar	frog
flute	fraternity	fricassee	frolic
flutter	fraternize	friction	from
flux	fraud	Friday	frond
fly	fraudulent	fried	front
fracas	fraught	friend	frontier
fraction	fray	frieze	frontispiece
fracture	freak	frigate	frost
fragile	freckle	fright	froth
fragility	free	frigid	froward
fragment	freesia	frigidity	frown
fragrance	freeze	frijol	froze
fragrant	freight	frill	frowzy
frail	french (F)	fringe	fructification
frane	frenzied	frippery	fructify
frans	frenzy	frisk	frugal
Frame	frequency	frith	frugality
franchise	frequent	fritter	fruit
frank (F)	frere	frivolity	fruition
frankfurter	fresco	frivolous	frump
frankincense	fresh	frizzle	frustrate
franklin (F)	fret	fro	frustration
frantic	friable	frook	fry

23.1c f in medial and final syllables, alone or in clusters, as in sofa [soufe], belfry [belfri], deferential [defe'rentʃəl]. For complete list of clusters, see introduction to this section.

For complete list of words with f in the endings ful and fully, see section 18.4b.

amplification	beneficence	chesterfield (C)	conferree
amplifier	beneficial	chieftain	conference
amplify	beneficiary	chloroform	confess
artificer	benefit	cinquefoil	confession
artificial	bereft	circumference	confetti
artificiality	bonafide	circumferential	confidant
asafetida	breakfast	clarify	confide
asafoetida	cafe	classification	confidence
auriferous	cafeteria	classify	confident
autodafe	calcify	cleft	confidential
beatific	camouflage	codification	confiding
beatification	carboniferous	comfit	configuration
beatify	catafalque	comfort	confine
beautifier	cauliflower	confabulate	confirm
beautify	centrifugal	confection	confirmation
befuddle	certificate	confectionery	confirmatory
belfry	certification	confederacy	confiscate
benefactress	certified	confederate	confiscation
benefactor	certify	confederation	confiscatory
benefice	chauffer	confer	conflagration

conflict	deformation	graft	information
confluence	defray	gratification	informative
confluent	deft	gratify	infrared
conflux	defunct	haft	infuriate
conform	defy	heft	infusion
conformation	deification	heifer	intensification
conformity	deify	horrify	intensify
confound	delft	housewife	interfere
confrere	dignified	humidify	interference
confront	dignity	hydrofluoric	irrefragable
confuse	discomfit	identify	irrefutable
confusion	discomfiture	indefatigable	justifiable
confutation	disulfide	indefeasible	justification
confute	diversification	indemnification	justify
conifer	diversify	indemnify	kefir
coniferous	draft	infallibility	laissezfaire
counterfeit	drift	infamous	lift
countrified	dutiful	infamy	liquefaction
craft	edification	infancy	liquefy
crawfish	edifice	infant	loft
crayfish	edify	infanticide	lucifer (L)
croft	eft	infantile	magnific
crucifix	electrification	infantry	magnificence
cruciform	electrify	infatuate	magnificent
crucify	emulsification	infect	magnifier
cuneiform	emulsify	infection	magnify
curfew	enfilade	infer	malefactor
daff	exemplification	inference	malfeasance
defalcation	exemplify	inferential	manifest
defamation	falsification	inferior	manifestation
defamatory	falsify	inferiority	manifold
defeat	fifteen	inferno	manufacture
defect	fifth	infest	mellifluous
defection	fifty	infidel	metalliferous
defend	foraminifera	infinite	modification
defense	forfeit	infinitesimal	modify
defense	forfeiture	infinitive	mollify
deference	forfend	infinity	mortification
defer	fortification	infirmary	mortify
differential	fortify	infirmity	mouflon
defiance	frankfurter	inflammable	mufti
deficiency	fretful	inflammation	multifarious
deficit	fructification	inflammatory	mummify
definite	fructify	inflate	munificent
definition	fruitful	inflation	mystification
definitive	fulfill	inflection	mystify
deflate	gemuflection	inflict	nefarious
deflation	gift	infliction	newfangled
deflect	glorification	influence	nifty
deflection	glorify	influential	nitrification
deform	gonfalon	influenza	notification

notify	profess	refrigerate	stifle
nullification	profession	refrigeration	stratification
nullify	professor	reft	stratify
odoriferous	proficiency	refuge	stultify
oft	proficient	refugee	stupefaction
often	profile	refulgent	stupefy
olfactory	profit	refusal	subterfuge
orifice	profiteer	refuse	sulfur
ossification	profligacy	refutation	superficial
ossify	profligate	refute	superficies
oxford (O)	profound	rifle	superfluity
pacific (P)	profundity	rift	superfluous
pacification	profuse	sacrifice	surface
pacify	profusion	sacrificial	surfeit
palfrey	prolific	salsify	swift
parfait	purification	sanctification	terrafirma
paterfamilias	purify	sanctify	terrific
perfect	putrefaction	saponification	terrify
perfidious	putrefy	sassafras	testify
perfidy	qualification	satisfaction	theft
perforate	qualify	satisfactory	thrift
perforation	radiography	satisfy	tomfoolery
perform	raft	savoirfaire	transfer
performance	rafter	saxifrage	transference
perfume	ramification	scientific	transfiguration
perfunctory	ramify	scrofula	trefoil
persiflage	rarefy	selfish	trifle
personification	ratification	shaft	tufa
personify	ratify	shift	tuft
pestiferous	rectification	shifty	twelfth
petrification	rectify	shrift	typify
petrify	refection	sift	unification
pfennig	refectory	significance	uniform
pilfer	refer	significant	unify
pinnacle	referee	signification	verification
platform	reference	signify	verify
pontifical	referendum	simplification	versify
preface	refine	simplify	vilify
prefatory	reflect	soft	vivify
prefect	reflection	solidification	vociferate
prefecture	reflex	solidify	vociferation
prefer	reform	sophisticated	vociferous
preferable	reformation	sophistication	wafer
preference	reformatory	soporific	waft
preferential	refract	sofa	west
profanation	refraction	specific	welfare
profane	refrain	specification	
profanity	refrangible	specify	

23.14 f finally in syllables, alone or in clusters, as in deaf [dɛf], gulf [gʌlf]. For complete list of clusters, see

the introduction to this section. For words in which final f changes to v in the plural form, see section 43.4a.

aloof	dwarf	loaf	serf
beef	elf	mischief	sheaf
behalf	fief	motif	shelf
behoof	golf	neckerchief	spooof
belief	grief	oaf	surf
brief	gulf	pelf	thief
calf	half	proof	turf
calif	handkerchief	reef	waif
chef	hoof	relief	wharf
chief	if	roof	wolf
clef	kerchief	scarf	woof
colf	leaf	scurf	
deaf	lief	self	

23.1e f before final silent e. The final silent e does not affect the pronunciation of f as [f]. For f changing to v in plurals, see section 43.4a.

carafe	knife	rife	strife
chafe	life	safe	wife
fife			

23.2 ff wherever found. As with other doubled consonants, ff is found medially, or finally, never initially, as in muffin ['mafin], puff [paf].

affability	affront	daffodil	efficacious
affable	baffle	dandruff	efficacy
affair	bailiff	differ	efficiency
affect	biff	difference	efficient
affectation	bluff	different	effigy
affection	buff	differential	efflorescence
affectionate	buffalo	difficult	effluence
afferent	buffet	difficulty	effluvium
affidavit	buffoon	diffidence	effort
affiliate	caffeine	diffraction	effrontery
affiliation	caitiff	diffuse	effulgence
affinity	chaff	diffusion	effuse
affirm	chaffinch	distaff	effusion
affirmative	chauffeur	doff	fluff
affix	chiffon	draff	gaff
afflatus	chiffonette	duff	giraffe
afflict	chiffonier	effect	griffin
affliction	cliff	effeminate	gruff
affluence	coefficient	effluent	guffaw
afford	coiffeur	effervesce	huff
affray	coiffure	effervescence	ineffable
affright	cuff	effete	jiffy

kaffir	piffle	shuffle	suffocation
kuff	plaintiff	skiff	suffragan
kastiff	pontiff	snaffle	suffrage
midriff	proffer	sniff	suffragette
moufflon	puff	sniffle	suffuse
muff	quaff	snuff	suffusion
muffin	raffia	snuffle	taffeta
muffle	raffle	souffle	taffrail
off	riffle	staff	taffy
effal	riffraff	stiff	tariff
effend	ruff	stuff	tiffin
offense	ruffian	suffer	toffee
offer	ruffle	sufferance	traffic
office	scaffold	suffice	truffle
officer	scoff	sufficiency	tuff
official	scruff	sufficient	waffle
officiate	scuffle	suffix	whiff
paraffin	sheriff	suffocate	whiffletree

23.3 ph in words, nearly all of which are of Greek derivation. It occurs in all positions in words, initially or finally in syllables, and in clusters, as in phone [foun], sylph [sɪlf], blaspheme ['blæsfɪm].

alpha	blasphemy	epitaph	morphine
alphabet	caliph	esophagus	morphology
amorphous	caliphate	euphemism	morphological
amphibian	camphor	euphony	naphtha
amphora	catastrophe	geographer	neophyte
anthropomorphic	catastrophic	geographic	nephew
antiphonal	cellophane	geography	nephridium
aphid	cenotaph	gopher	nephritis
aphorism	chlorophyll	graph	nymph
apocryphal	cinematograph	graphic	ophthalmia
apostrophe	cipher	graphite	orphan
apostrophize	colophon	gryphon	orphic
asphalt	dauphin (D)	hermaphrodite	orthographic
asphaltum	delphinium	hieroglyph	orthography
asphodel	diaphanous	humph	pamphlet
asphyxiate	diaphragm	hydrophobia	paraphernalia
asphyxiation	diphtheria	hyphen	paraphrase
atmosphere	diphthong	lexicography	periphery
atmospheric	dolphin	lithographer	phaeton
atrophy	electrophorous	lithography	phagocyte
bibliographical	elephant	lithosphere	phalanx
bibliography	emphasis	lymph	phantasm
bibliophile	emphasize	lymphatic	phantasy
biographical	emphatic	nephritic	phantom
biography	ephemeral	metamorphose	pharisaical
blaspheme	ephod	metamorphosis	pharisee (P)
blasphemous	ephor	metaphor	pharmacy

pharyngeal	phosgene	porphyry	sulphureted
pharynx	phosphate	prophecy	sulphuric
phase	phosphatic	prophecy	sycophant
pheasant	phosphide	prophet	sylph
phenol	phosphorescence	prophetic	symphonic
phenomena	phosphoric	prophylactic	symphony
phi	phosphorous	sapphire	syphilis
phial	photo	saprophyte	syphilitic
philander	photograph	sarcophagus	telegraph
philanthropic	photoelectric	semaphore	telepathy
philanthropy	photoplay	seraph	telephone
philharmonic	photosynthesis	seraphic	telephoto
philological	phrase	seraphim	theosophist
philology	phraseology	siphon	topographical
philosophic	phrenology	sophist	topography
philosophy	phylactory	sophomore	trephine
philter	physic	sphere	triumph
phlegm	physician	spherical	triumphal
phlegmatic	physicist	spheroid	triumphant
phlox	physiognomy	sphinx	trophy
phoebe (P)	physiographic	stenographer	typhoid
phoenix (P)	physiography	stenographic	typhoon
phone	physiological	sulphate	typhus
phonetic	physiology	sulphide	zephyr
phonograph	physique	sulphur	
phony	pornography	sulphureous	

23.4 gh in a few words after ou, as in cough [kɒf] and au, as in laugh [læf].

elough	enough	slough -v.	tough
cough	laugh	sough	trough
draught	rough		

23.5 f is silent in the French word chef-d'œuvre.

24. THE SOUND [g]

The spellings of [g] are:

1. g initially in a syllable before a, o, y or a consonant, except as below.
2. g before e, i, in a limited number of words, except as below.
3. gg wherever found, except as below.
4. [g] contained in x in the prefix ex when unstressed.

Note: For other pronunciations of g see:

1. g as [dʒ] in gaol, 22.2.
2. g as [dʒ] before e, i, y, section 22.2.
3. g as [ʒ] before e and i in French loan-words, section 44.3.
4. g as [dʒ] in dg, section 22.3.
5. Silent g, section 24.2.

The distributions of [g] in English words is as follows:

A. [g] alone.

1. Initially in syllables, as in go [gou], agree [ə'gri].
2. Finally in syllables, as in beg [beg], cigarette [sɪgə'ret].

B. In phonetic clusters.

1. Initially in syllables, as in
 - a. [gl] - glad [glæd]
 - b. [gr] - greet [grɪt]
2. Finally in syllables, as
 - a. [gz] - brags [brægz]
 - b. [gd] - begged [begd]

Words with [g] are grouped for practice as follows:

24.1a g initially before the vowel a (except in the British word gaol and sometimes in the word margarine); always before e and u, and before e and i in words of Germanic origin,¹ as in game [geɪm], goat [goʊt], guess [ges], geese [gis], and gift [gift].

gab	galvanometer	gaseous	gift
gabardine	gamble	gash	gig
gaby	gambol	gasket	giggle
gabble	game	gasoline	gild
gable	gamin	gasp	*gill
gad	gamma	gastronomy	silt
gadget	garmon	gastropod	gimlet
gaff	gamut	gat	gingham
gag	gander	gate	gingko
gage	gang	gather	gird
gaiety	ganglia	gauche	girdle
gaily	ganglion	gaud	girl
gain	gangrene	gaudy	girth
gainst	gantlet	gauge	git
gait	gap	gaunt	give
gala	gape	gauche	given
galactic	garage	gave	gizzard
galaxy	garb	gavel	go
gale	garbage	gawd	goad
galena	garble	gawky	goal
gall	garden	gay	goat
gallant	gardenia	gayety	gob
gallantry	gargle	gaze	gobble
galleon	gargoyle	gazelle	goblet
gallery	garish	gazette	goblin
galley	garland	gazetteer	goby
galliard	garlic	gear	god (O)
galliot	garment	gecko	goddess
gallivant	garner	geese	goes
gallon	garnet	gelding	goggle
galloon	garnish	gemmule	gold
gallop	garniture	*gerrymander	golf
gallows	garret	get	golly
galore	garrison	gougaw	gonad
galosh	garrulity	goyser	gondola
galvanic	garrulous	gibber	condolier
galvanism	garter	gibbon	gone
galvanize	gas	giddy	gonfalon

¹Kenyon, "Guide to Pronunciation," p. xlv.

gong	gouge	guess	gullet
good	gourd	guest	gullible
goose	gourmand	guffaw	gulp
gopher	gout	guidance	gum
gore	govern	guide	gumbo
gorge	governor	guidon	gumption
gorget	gown	guild	gun
gorgeous	guanaco	guile	gunwale
gorilla	guano	guillemot	gurgle
gormandizer	guarantee	guillotine	gush
gorse	guaranty	guilt	gusset
gory	guard	guinea (G)	gust
gosh	guardian	guise	gustatory
goshawk	guava	guitar	gusto
gosling	guayule	gulch	gut
gospel	gudgeon	gulden	guttapercha
gossamer	guerdon	gules	gutter
gossip	guernsey (G)	gulf	guy
got	guerilla	gull	guzzle

24.1b g initially before consonants l and r and before silent h, as in glide [glaid], green [grin], and ghost [goust].

ghastly	glee	glum	granary
gherkin	glen	glut	grand
ghetto	glib	gluten	grandam
ghost	glide	glutinous	grandame
ghoul	glimmer	glutton	grandee
glace	glimpse	glycerin	grandeur
glacial	glint	glycogen	grandiloquence
glacier	glisten	grab	grandiose
glacis	glister	grace (G)	grange
glad	gloaming	gracious	granite
glade	glont	grackle	grammy
gladiator	globe	grad	grant (G)
gladiatorial	globular	gradation	granulate
gladiola	globule	grade	granule
glair	gloom	gradient	grape
glaiive	gloria (G)	gradual	graph
glamour	glorification	graduate	graphic
glamorous	glorify	graduation	graphite
glance	glory	graft	grapnel
gland	gloss	Graham (G)	grapple
glandular	glottis	grain	grasp
glare	glove	gram	grass
glass	glow	gramercy	grate
glaze	glower	grammar	gratification
gleam	glose	grammarian	gratify
glean	glucose	grammatical	gratis
glebe	glue	gramophone	gratitude

gratuitous	grenade	gripe	grouch
gratulation	grenadier	grisly	ground
grave	grow	grist	group
gravel	grey	gristle	grouse
graven	grid	grit	groat
gravitate	griddle	grizzled	grove
gravitation	grief	grizzly	grovel
gravity	grievance	groan	grow
gravy	grieve	groat	growl
gray	grievous	grocer	grown
graze	griffin	grog	growth
grease	grip	groin	grub
great	grill	groom	grudge
greave	grim	groove	gruel
grebe	grimace	grobe	gruesome
greed	grimalkin	grosbeak	gruff
greek (G)	grime	gross	grumble
green	grin	grot	grumpy
greet	grind	grotesque	grunt
gregarious	grip	grotto	gryphon

24.1c g in medial and final syllables, alone or in clusters, as in dragon [dræɡən], agree [əɡri], interrogate [intə'reɡert]. For complete list of clusters, see introduction to this section.

abigail (A)	amalgamate	augur	blackguard
abnegation	ambergris	augury	bogey
abrogate	ambiguity	august (A)	bogie
again	ambiguous	backgammon	bogle
against	analogous	bagatelle	bogus
agape	antagonism	bargain	brigade
agaragar	antagonize	beagle	brigadier
agaris	apologue	began	brigand
agate	archipelago	begat	brigantine
agave	argon	begin	brogue
aggregate	argosy	begirt	bugaboo
aghtast	argue	begonia	bugle
agnostic	argument	begudge	bugler
agog	argumentation	beguile	burgh
agonize	argumentative	begun	burglar
agony	arrogance	beleguer	burglarious
agrarian	arrogant	benignant	burglary
agree	arrogate	bibliographical	burgomaster
agricultural	asparagus	bibliography	cardigan
agriculture	assignat	bigamy	castigate
ague	assignment	bigot	castigation
aigrette	astigmatism	billingsgate	catalogue
allegation	auger	biographical	categorical
alligator	augment	biography	category
amalgam	augmentation		centigrade

centigram	designate	extravagance	ignore
centrifugal	designation	extravaganza	iguana
chagrin	diagnose	fagot	image
cigar	diagnostic	fandango	immigrant
cinegraph	diagonal	farrago	immigration
clangor	diagram	fatigue	impregnable
coagulation	diagrammatic	figurative	impregnate
coagulate	dialogue	figure	impregnation
cognate	dignify	filigree	inaugurate
cognition	dignitary	flabbergast	inauguration
cognizance	dignity	flagon	incognito
cognizant	digress	flagrant	incongruous
cognomen	digression	fogy	indefatigable
colleague	disgruntled	forget	indignant
commingle	disguise	fragment	indigo
configuration	disgust	fragrance	ingot
conflagration	disintegrate	fragrant	ingratiate
conglomerate	disintegration	frigate	ingredient
conglomeration	distinguish	frugal	ingress
congratulate	dogma	frugality	insignia
congratulation	dogmatic	fugue	instigate
congratulatory	dragon	fumigate	instigation
congregate	dragoon	fumigation	integral
congregation	dress	fungous	integrate
congress	eager	fungus	integration
congressional	eagle	gargle	integrity
congruence	eaglet	gargoyle	integument
conjugal	eclogue	geographer	interregnum
conjugate	egad	geographic	interrogate
conjugation	eglantine	geography	interrogative
consanguinity	ego	gigantic	interrogation
contiguity	egotism	gurgle	interrogatory
contiguous	egotist	hamburger	intrigue
corrugate	egotistic	hemoglobin	inveigle
corrugation	egregious	hexagon	investigate
cosmogony	egress	hexagonal	invigorate
cougar	egret	hidalgo	irrefragable
cygnet	elegance	hieroglyph	irrigable
daguerreotype	embargo	hoghead	irrigate
decatalogue	emigrant	homologous	isogonic
desigram	emigrate	hurdygurdy	jaguar
degradation	emigration	hygrometer	jargon
degrade	emigre	igneus	jugular
degree	engage	ignite	kilogram
delegate	enigma	ignition	kilogramme
delegation	enigmatic	ignoble	kindergarten
demagogue	epigram	ignominious	lagoon
demigod	epilogue	ignominy	largo
derogate	ergo	ignoramus	league
derogation	esophagus	ignorance	legacy
derogatory	expurgate	ignorant	legal

legality	mitigation	pedigree	quadrangle
legate	mogul	pellagra	quagmire
legume	monogamy	penguin	radiography
leguminous	monogram	pentagon	ragout
lexicography	monologue	pentagonal	recognition
ligament	morganatic	peregrination	recognize
ligature	morgue	peregrine	rectangle
lignite	mortgage	pergola	rectangular
lithographer	mugwump	permanganate	regain
litigant	navigability	phagocyte	regal
litigation	navigate	phantasmagoria	regale
loganberry	navigation	phlegmatic	regalia
logarithm	negate	photographic	regard
logothete	negation	photography	regress
lugubrious	negative	physiognomy	regret
lumbago	neglect	physiographic	regular
madrigal	negligee	physiography	regularity
magazine	negligence	pigmy	regulate
magdalen	negligent	pilgrim	regulation
magnanimity	negligible	plague	regurgitate
magnanimous	negotiable	plumbago	relegate
magnate	negotiate	polygamy	renegade
magnesia	negotiation	polyglot	repugnance
magnesium	negress	polygon	resignation
magnet	negro	polygonal	retrogression
magnetic	negus	pomegranate	rigmarole
magnetize	nightingale	pornography	rigor
magneto	nugatory	pragmatic	rogation
magnific	objurgation	pregnancy	rogue
magnificence	obligate	pregnant	rotogravure
magnificent	obligation	prodigal	rutabaga
magnify	obligatory	prodigality	saga
magniloquence	octagon	profligacy	sagacious
magnitude	octagonal	profligate	sagacity
magnolia	ogle	prognosticate	sagamore
magnum	ogre	program	sago
magpie	oligarch	progress	salmagundi
mahogany	oligarchy	progression	sarcophagus
malignant	omega	progressive	segment
malignity	organ	prologue	segmental
mandragora	organdy	promulgate	segmentation
marguerite	organic	promulgation	segregate
marigold	organize	propaganda	segregation
maigre	orthographic	propagate	shingle
manger	orthography	propagation	shogun
megaphone	pagan	protagonist	sigma
migrant	pagoda	ptarmigan	signal
migrate	paragon	pugnacious	signature
migration	parallelogram	purgative	signet
migratory	pedagogical	purgatory	significance
mitigate	pedagogue	pygmy	significant

signification	suffragan	toboggan	variegate
signify	sugar	toga	verdigris
slogan	suggest	together	vertigo
sorghum	suggestion	topographical	vigor
spaghetti	surcingle	topography	vigorous
spigot	surrogate	transfiguration	vinegar
stagnant	synagogue	transgress	virago
stagnate	target	transgression	vogue
stagnation	tarragon	trigonometrical	vulgar
stalagmite	telegram	trigonometry	vulgarity
stenographer	telegraph	typographical	wagon
stenographic	telegrapher	ugly	whirligig
stigma	termagant	vagabond	wigwag
stigmatize	theogony	vagary	yogi
subjugate	tiger	vagrant	zigzag
subjugation	tigress	vague	

24.1d g when final in a syllable, as in bag [bæg].

agog	dug	leg	shrug
bag	fag	log	slag
beg	*faubourg	monolog	slug
berg	fig	nag	smug
big	flag	nag	snag
bog	flog	nutmeg	smug
brag	fog	peg	sprig
brig	frog	periwig	stag
bug	gag	pfermig	swag
burg	gig	pig	swig
catalog	grig	plug	tag
chug	grog	pollywog	thug
elog	hag	prig	tog
eog	hog	prolog	trig
erag	hug	pug	tug
decalog	iceberg	rag	wag
demagog	jag	rig	whirligig
dialog	jig	rug	wig
dig	jog	sag	zigzag
dog	jug	scalawag	
drag	keg	scrag	
drug	lag	shag	

24.1e g when followed by final silent ue. Many of these are now spelled without the final ue, as catalogue, catalog ['kætəlog].

apologue	eclogue	league	prologue
brogue	epilogue	meringue	rogue
catalogue	fatigue	monologue	synagogue
colleague	fugue	morgue	vague
demagogue	harangue	pedagogue	vogue
dialogue	intrigue	plague	

24.1f g following n in the same syllable when it appears internally in the root form, as in bangle [bæŋgəl]. In most of these words, the g precedes the vowels a, o, u, or a consonant which serves to "harden" the g. The er in the words anger, conger, finger, hunger, linger, monger, represent re-spellings of Middle English ar, or, r, re. The vowels a and o and the trilled [r] would have insured the pronunciation of the g as [g] before the change in spelling to er.¹

anger	England	jungle	rectangular
angle	English	kangaroo	sanguine
angler	extinguish	language	sanguinary
angry	finger	languid	shingle
anguish	flamingo	languish	single
angular	fungous	languor	singular
angularity	fungus	linger	spangle
bangle	ganglia	lingo	strangle
bungalow	ganglion	linguistic	strangulation
bungle	gangling	manganese	surcingle
bungler	gangrene	mangle	tangle
conger	hangar	mango	tango
costermonger	hunger	mangonel	tingle
dangle	hungry	mangrove	triangle
dangler	isinglass	monger	triangular
dinghy	jangle	mongrel	unguent
dingle	jingle	newfangled	ungulate
dingy (small boat)		pangolin	wangle
distinguish	jingo	prolongation	wrangle
elongate	jongleur	rectangle	

24.1g g appears in ng [ŋg] in the comparative and superlative forms of the following adjectives.

longer	stronger	younger
longest	strongest	youngest

24.1h g combines with ng (when final in the word), and maintains the pronunciation [ŋ] even when inflectional forms and compounds are added, except the comparatives and superlatives listed above.

among	bringer	clung	fang
bang	bung	dang	fling
belong	clang	dingdong	flung
boomerang	clangor	diphthong	gang
bring	cling	dung	gingham

¹Wright, New English Grammar, p. 104.

gingko	pang	slung	tang
gong	ping	song	thing
hang	prolong	sprang	thong
*hangar	prong	spring	throng
hanger	rang	sprung	ting
hanging	ring	sting	tongue
harangue	rung	sting-y	twang
hang	sang	string	wing
ling	shanghai	strong	winged
long	shantung	strung	wring
longing	sing	stung	wrong
lung	singer	sung	wrung
mustang	slang	swing	young
orang	sling	swung	youngling
orangoutang			

It will be seen from the two sections immediately preceding that the parallelism of spelling and contrast of pronunciation in singer and finger is more apparent than significant. For singer is derived from the root sing, a member of a class of words in which ng is always pronounced [ŋ], while finger is a root word in itself, of a class containing an internal ng always pronounced [ŋg].

24.2 gg wherever found, except in loggia and suggest. (See section 22.5.)

agglomerate	dogged	juggler	scraggly
aggrandize	dogger	laggard	scraggy
aggravate	doggie	legged	shaggy
aggregate	doggy	leggings	sluggard
aggression	doggrel	loggerhead	sluggish
aggressive	draggle	logging	struggle
aggrieve	drugget	lug	snigger
baggage	druggist	luggage	smuggle
baggy	egg	lugger	soggy
balbriggan	faggot	maggot	stagger
bedraggle	flagging	maggy	straggle
beggar	foggy	niggard	struggle
boggle	giggle	nigger	swagger
boggy	goggle	noggin	toggle
bootlegger	groggy	mugget	trigger
bowlegged	haggard	pigg	waggish
braggadocio	haggle	priggish	waggle
braggart	higgledypiggledy	ragged	wigged
bragging	hoggish	regatta	wiggle
buggy	jagged	rigged	wriggle
craggy	jiggle	rigger	
dagger	joggle	rigging	
digger	juggle	rugged	

24.3 [g] is contained in the unstressed prefix ex and exceptionally in anxiety and auxiliary. In the words which are starred, usage varies between [ks] and [gz].

anxiety	examination	*exhalation	exist
auxiliary	examine	*exhale	existence
coexist	exasperate	exhaust	exit
coexistence	exasperation	exhaustion	exonerate
exacerbate	executive	exhaustive	exorbitant
exact	executor	exhibit	exordium
exaction	exemplar	exhibiter	exotic
exactitude	exemplary	exhilarate	exuberance
exaggerate	exemplification	exhilaration	exude
exaggeration	exemplify	exhort	exult
exalt	exempt	exhortation	exultant
exaltation	exert	*exhume	exultation
exam	exertion	exile	

24.4a g is silent before n in French and Italian words, before l in Italian words, and before m or n in some Greek words.

apothegm	cologne	impugn	reign
arraign	condign	intaglio	resign
assign	consign	lorgnette	seigneur
benign	consignee	malign	seraglio
campaign	deign	mignon	sign
champagne	design	mignonette	signor
champaign	diaphragm	monsignor	sovereign
cognac	ensign	paradigm	thegn
*cognisance	feign	*physiognomy	
*cognizant	foreign	poignancy	
coign	imbroglio	poignant	

24.4b g is silent before n initially.

gnarl	gnat	gneiss	gnomon
gnash	gnaw	gnome	

24.4c g is silent in the participial ending ing. For complete list of words ending in ing, see section 18.2b.

25. THE SOUND [h]

The spellings of [h] are:

1. h wherever found, except as below.
2. wh where w is silent.
3. j in Spanish loan-words.
4. g in Spanish loan-words.

Note: For other pronunciations of [h], see:

1. h in th, sections 37 and 38.
2. h in gh, sections 23.4 and 25.5b.
3. h in ph, section 23.3.
4. h in ch, sections 34.10 and 36.1.
5. h in sh, section 34.1.
6. h in wh, section 41.
7. Silent h, section 25.5.

The distribution of [h] in English words is as follows:

A. [h] alone.

1. Initially in syllables, as in head [hed],
mishap [mɪʃəp].
2. Finally--does not occur.

B. In phonetic clusters--does not occur.

Words with [h] are grouped for practice as follows:

25.1a h initially before vowels in words, as in hall [hɔl].

ha	haddock	halibut	hammer
habeas	haft	halidome	hammock
haberdasher	hag	halitosis	hamper
habergeon	haggard	hall	hand
habiliment	haggle	hallelujah (H)	handicap
habit	hah	hallo	handicraft
habitat	hail	hallow	handiwork
habitation	hair	hallucination	handkerchief
habitual	hake	halo	handle
habituate	hakim	halogen	hansom
habitude	halberd	halt	hang
hacienda	halbert	halyard	hank
hack	halycon	halve	hanker
hackney	hale	ham	hansel
had	half	hame	hap

haphazard	havelock	hellebore	hesitancy
happen	haven	hello	hesitate
happy	haven't	helm	hesitation
harangue	haversack	helmet	heterodox
harass	havoc	helot	heterogeneous
harbinger	haw	help	hew
harbor	hawk	helterskelter	hexagon
hard	hawse	helve	hexagonal
hardihood	hay	hem	hexameter
hare	hazard	hematite	hey
harem	haze	hemisphere	hiatus
hark	hazel (H)	hemispherical	hibernate
harlequin	he	hemoglobin	hibernation
harlot	head	hemorrhage	hibiscus
harm	heal	hemp	hiccup
harmonic	health	hen	hick
harmonious	heap	hence	hid
harmonize	hear	henchman	hidalgo
harmony	heard	henna	hide
harness	hearken	Henry	hideous
harp	hearse	hepatic	hie
harpoon	heart	heptarchy	hierarchy
harquebus	hearth	her	hieratic
harpsichord	heat	herald	hieroglyph
harridan	heath	heraldic	higgledypiggledy
harrier	heathen	herbaceous	hilarious
harrow	heather	herbarium	hilarity
harry (H)	heave	herculean	hill
harsh	heaven	hercules	hillock
hart	heavy	herd	hilt
harumscarum	hecatombs	here	hilum
harvest	heckle	hereditary	him
has	hector (H)	heredity	hind
hash	hedge	heresy	hinder
hasp	heed	heretic	hindmost
hassock	heel	heretical	hindrance
hast	heft	heritable	hinge
haste	hegemony	heritage	hint
hat	hegira	hermaphrodite	hinterland
hatch	heifer	hermetically	hip
hate	heighho	hermit	hippodrome
hath	height	hernia	hippopotamus
hatred	heinous	hero	hire
hauberk	held	heroic	hirsute
haughty	helicopter	heroin	his
haul	heliograph	heroine	hiss
haunch	heliotrope	heron	hist
haunt	helium	herring	histology
have	hell	herself	historian

historic	hoodoo	hoyden	husk
history	hoof	hub	hussar
histrionic	hook	hubbub	hussy
hit	hoop	huckleberry	hustle
hitch	hooray	huckster	hut
hither	hoot	huddle	hutch
hive	hop	hue	huzza
ho	hope	huff	hyacinth
hear	hoplite	hug	hyaline
heard	horde	huge	hybrid
hoarse	horizon	hulk	bydra
hoary	horizontal	hull	hydrangea
hoax	hormone	hullabaloo	hydrant
hob	horn	hullo	hydrate
hobble	hornet	hum	hydraulic
hobby	horoscope	human	hydride
hobo	horrible	humane	hydrocarbon
heck	horrid	humanitarian	hydrocyanic
hocuspocus	horrify	humanity	hydroelectric
hod	horror	humanize	hydrofluoric
hoe	horse	humerus	hydrogen
hog	horticulture	humid	hydrographic
hoist	hosanna	humidity	hydroid
hokum	hose	humidor	hydrometer
hold	hosliery	humiliate	hydroscopic
hole	hospice	humiliation	hydrostatic
holiday	hospitable	humility	hydroxide
hella	hospital	hummock	hydroxyl
holland (H)	hospitality	hump	hydrozoan
hello	hospitalization	humph	hyena
hollow	host	humus	hygiene
holly	hostage	hunch	hygienic
holm	hostel	hundred	hygienist
holocaust	hostile	hung	hygrometer
holster	hostility	hunger	hymen
holy	hot	hungry	hymeneal
home	hotel	hunk	hymenoptera
homeopathic	hough	hunt	hymn
homicide	hound	hurdle	hyperbola
homily	hour	hurdygurdy	hyperbolic
hominy	house	hurl	hyperborean
homo	housing	hurrah	hyphen
homogeneous	housewife	hurray	hypnosis
homologous	hove	hurricane	hypnotic
hone	hovel	hurried	hypnotism
honey	hover	hurry	hypnotize
honk	how	hurt	hypochondriac
hooch	howdah	hurtle	hypocrisy
hood	howitzer	husband	hypocrite
hoodlum	howl	hush	hypocritical

hypodermic	hypothesis	hyssop	hysterio
hypotenuse	hypothetical	hysteria	

25.1b h at the beginning of medial or final stressed syllables before vowels, as in behind [bə'haind, br'haind].

abhor	beholden	hartshorn	prehensile
abhorrence	behoof	heighho	prehension
adhere	behoove	hogshead	prehistoric
adherence	behoove	incoherence	prohibit
adhesion	carbohydrate	inhalation	prohibitive
adhesive	cohere	inhale	prohibitory
aha	coherence	inherent	rehabilitate
ahoy	coherent	inherit	rehabilitation
alcohol	cohesion	inhibit	rehearse
aleha	cohesive	inhibition	reprehend
apprehend	cohort	jehu	reprehensible
apprehension	comprehend	leghorn	sahib
apprehensive	comprehension	maharaja	shanghai (S)
ballyhoo	comprehensive	mahogany	subtrahend
behalf	dachshund	mayhap	threshold
behave	dehiscent	mayhem	tomahawk
behavior	enhance	mishap	upholsterer
beheld	exhalation	monair	vehemence
behemoth	exhale	mynheer	vehement
behemoth	finnanhaddie	oho	vehicular
behest	forehead	perhaps	
behind	formaldehyde	perihelion	
behold	goshawk	philharmonic	

25.2 h after silent w in a small group of words containing who and its derivations and the word whole and its derivations, as well as a few others.

who	whole	whom	whore
*whoa	wholly	*whoop	whose

25.3 j in the Spanish word frijol.

25.4 g in the Spanish word Gila.

25.5a Initial h was not pronounced in Old French native words and consequently when such words were introduced into English there was much fluctuation in the pronunciation both in Middle English and New English. The h is now pronounced in many words in

which it was generally unpronounced in Middle English.¹

In the following list, which includes the foreign loan-words hombre and horsd'oeuvre, the h is always silent.

heir	honest	honorary	hour
hombre	honor	horsd'oeuvre	

Usage is still varied with the words in the following list. Some are pronounced by some speakers and omitted by others.

hautboy	herb	hostler	humor
hauteur	homage	humble	

25.5b h is silent in the digraph gh when it is final in some words, or before t. See section 23.4 for gh pronounced [f].

aught	drought	neighbor	sought
bedight	eight	nigh	sprightly
benighted	fight	night	straight
besought	flight	nightingale	taught
bight	fortnight	nought	thigh
blight	fought	onslaught	thorough
borough	fraught	ought	though
bough	freight	plight	thought
bought	fright	plough	through
bright	furlough	right	tight
brougham	haughty	righteous	tonight
brought	heighho	sennight	twilight
caught	height	sigh	weigh
clough	high	sight	weight
daughter	inveigh	slaughter	wight
delight	knight	sleigh	wright (W)
dight	light	sleight	wrought
dough	might	slight	
doughnut	naught	slough -n.	
doughty	neigh	sough	

25.5c h is silent at the end of a word or syllable, or preceding another consonant. h in the digraph gh may be silent

¹Wright, New English Grammar, p. 128

or may be pronounced [f]. See section 23.4.

ah	howdah	ohm	sirrah
burgh	hurrah	pariah	tussah
catarrh	jodhpurs	pooh	verandah
dahlia	John	punkah	yah
demi John	maharajah	rah	
hah	myrrh	raja	
hallelujah	oh	sheikh	

25.5d h is silent after g, r, and k, and after t in the words Thomas and thyme.²

aghaast	hemorrhage	rhetorical	rhubarb
astrakhan	khaki	rhetorician	rhyme
diarrhea	khan	rheum	rhythm
dinghy	khedive	rheumatic	rhythmic
ghastly	pyorrhea	rhinestone	sorghum
gherkin	rhapsody	rhino	spaghetti
ghetto	rhea	rhinoceros	Thames
ghost	rheostat	rhodium	Thomas
ghoul	rhetoric	rhododendron	thyme

25.5e h is usually silent when initial in unstressed syllables of polysyllables.

*aloha	exhilaration	*inhibition	*rehabilitation
annihilate	exhort	leghorn	sahib
*exhalation	exhortation	*mayhem	shepherd
*exhale	*exhumation	*philharmonic	silhouette
exhibit	*exhume	posthumous	*stanhope
exhibition	gingham	prehistoric	*vehemence
exhibiter	graham (G)	prohibition	*vehement
exhilarate	hogshead	*rehabilitate	*vehicle

²The h is inserted between g and e in Italian words to "harden" the g, that is, to insure the pronunciation of g as [g]. In the native words, the h was put in after the g to represent a sound no longer used. - Wright, New English Grammar, p. 123.

26. THE SOUND [k]

The spellings of [k] are:

1. k wherever found, except as below.
2. g before the vowels a, o, and u, and before consonants.
3. cc before the vowels a, o, u, and before consonants.
4. ch in Greek loan-words.
5. ck wherever found.
6. q wherever found (always before y).
7. x contains [ks] except as below.
8. [k] as an intrusive glide sound.

Note: For other pronunciations of symbols which also spell [k], see:

1. c before the vowels e, i, and y, section 33.3.
2. ch in French loan-words, sections 34.10 and 36.1.
3. x when unstressed to [gz] in the prefix ex, section 24.3.
4. x initially, 43.5b.
5. Silent c, ch, ck, k, section 26.9.

The distribution of [k] in English words is as follows:

A. [k] alone.

1. Initially in syllables, as in keen [kin], vocal ['voukəl].
2. Finally in syllables, as in beak [bik], break-fast ['brekfəst].

B. In phonetic clusters.

1. Initially in syllables, as in
 - a. [kr] - crook [kruk]
 - b. [kl] - cloak [klouk]
 - c. [kw] - queen [kwɪn]
 - d. [sk] - sky [skaɪ]
 - e. [skr] - scrape [skreɪp]
 - f. [skw] - squeak [skwik]
 - g. [skl] - sclerotic [skləˈrɒtɪk, sklərɒtɪk]
2. Finally in syllables, as in
 - a. [ks] - backs [bæks]
 - b. [ŋk] - bank [bæŋk]
 - c. [ŋks] - banks [bæŋks]
 - d. [ɪk] - hulk [hʌlk]
 - e. [ŋkst] - inxed [dʒɪŋkst]
 - f. [lks] - sulks [sʌlks]

g. [kt] - act [ækt]
 h. [kts] - acts [ækts]
 i. [rk] - cork [kɔrk, kɔ:k]
 j. [rks] - barks [barks, ba:ks]
 k. [sk] - task [tæsk]
 l. [sks] - masks [mæks]

Words with [k] grouped for practice as follows:

26.1 k wherever found, except initially before n, as in king [kɪŋ], book [buk].

akinbo	broke	crinkle	frankincense
alkali	brokerage	crinkly	franklin (F)
alkaloid	brook	croak	freak
ankle	bulk	crook	frisk
anklet	bulwark	cub	funk
ark	bumpkin	damask	gasket
ask	bunk	dank	gawky
askance	buskin	dark	gherkin
askew	cake	desk	gingko
asterisk	calk	dike	goshawk
astrakhan	canker	dirk	Greek
auk	cannikin	disc	grimalkin
awkward	cantankerous	disembarkation	hake
bake	carking	disk	hakim
bakelite	cask	donkey	handkerchief
balk	casket	drake	hank
bank	cataract	drank	hanker
bankrupt	catkin	drink	hark
bark	caulk	drunk	hauberk
basilisk	chalk	duke	hawk
bask	cheek	dunk	hearken
basket	chewink	dusk	helterskelter
batik	chipmunk	dyke	hike
baulk	choke	eke	hokum
beak	chuck	elk	honk
bike	chuckle	eureka (E)	hook
blank	chunk	evoke	hulk
blanket	clank	fake	hunk
bleak	clerk	flake	husk
blink	clink	flank	ilk
bodkin	cloak	flask	ink
book	coke	fluke	invoke
bosky	convoke	flunk	irk
brake	cook	folk	jerk
break	cork	fork	jerkin
breakfast	coworker	forsaken	jinrikisha
brink	crank	forsook	joke
brisk	creak	frank (F)	jokingly
brisket	creek	frankfurter	junk

kaffir	kinetic	muzhik	sake
kafir	king	nainsook	sank
kaiser (K)	kink	naked	sauerkraut
kale	kinsfolk	nankeen	seek
kaleidoscope	kinsman	napkin	shake
kaoline	kiosk	nook	shaken
kangaroo	kip	oak	shank
kaolin	kirk	obelisk	shark
kapok	kirtle	okay	sheik
kappa	kiss	okra	shekel
katydid	kit	palankeen	sheldrake
keel	kitchen	pannikin	shirk
keen	kite	paprika	shook
keep	kith	park	shrank
keg	kitten	partake	shriek
ken	kitty	partook	shrike
kennel	kiwi	peak	shrink
kerchief	kodak	peek	shrunk
kern	kohlrabi	perk	silk
kernel	kraal	pesky	sink
kerosene	krona	pike	skald
kersey	kulak	pink	skate
ketch	lake	pipkin	skee
kettle	lambkin	plank	skein
key	lank	plunk	skeleton
khaki	lark	poke	skeptic
khan	leak	polka	sketch
khedive	leek	pork	skewer
kibe	like	prank	ski
kick	link	prink	skid
kiekshaw	look	provoke	skies
kid	lukewarm	puke	skiff
kidnap	lurk	pumpkin	skill
kidney	make	punk	skillet
kill	manikin	punkah	skim
kiln	mannikin	quake	skimp
kilogram	mark (M)	quirk	skin
kilogramme	market	rake	skip
kilometer	mask	ramekin	skipper
kilowatt	mawkish	rank	skirmish
kilt	meek	rankle	skirt
kimono	mikado	rebuke	skit
kin	milk	reek	skulk
kind	mink	remark	skull
kindergarten	mollusk	remarkable	skunk
kindle	monk	revoke	sky
kindliness	monkey	rink	slake
kindling	murk	risk	sleek
kindred	musk	rook	slink
kine	musket	rusk	slunk

smirk	stark	tike	week
smoke	steak	tinker	welkin
snake	steenbok	tinkle	whelk
sneak	stink	token	whisk
soak	stoke	tomahawk	whisker
spake	stork	took	whiskey
spank	streak	trek	wink
spark	strike	trinket	winkle
sparkle	stroke	trunk	woke
speak	sulk	turkey	work
spike	sunk	tusk	wreak
spoke	swank	tweak	wrinkle
spook	take	twinkle	yak
sprinkle	talk	ukulele	yank
spunk	tank	unkempt	yoke
squawk	tankard	viking (V)	yolk
squeak	task	vodka	yunker
stake	thank	wake	
stalk	think	walk	

26.2a c initially before the vowels a and o (except when they occur in the Latin and Greek digraphs ae and oe) and before u in words, as in candy ['kændɪ], come [kəm], cut [kʌt].

For complete lists of words with c in the prefixes com and con, see sections 5.2c and 18.3a.

cab	cafe	caldron	calumet
cabal	cafeteria	calendar	calumniate
cabalistic	caffeine	calf	calumnious
caballero	cage	caliber	calumny
cabaret	cairn	calibrate	calyx
cabbage	caisson	calibre	calve
cabin	caitiff	calico	cam
cabinet	cajole	calif	cambium
cable	cake	calipers	cambric
caboose	calabash	caliphate	came
cacao	calaboose	calk	camel
cache	calamity	call	camellia
cachet	calamus	calla	camelopard
cackle	calash	calliopsis	cameo
cactus	calcareous	callisthenic	camera
cad	calcify	callous	camion
cadaverous	calcimine	callow	camisole
caddice	calcine	callus	camomile
cadence	calcite	calm	camouflage
cadet	calcium	calomel	camp
cadi	calculate	caloric	campaign
cadmium	calculation	calorie	campanula
caduceus	calculus	calorimeter	camphor

campus	cattle	caravansary	carpet
can	canto	caravel	carriage
canaille	canton	caraway	carrier
canal	cantonal	carbide	carriage
canalize	cantonment	carbine	carrot
canape	canvas	carbohydrate	carrousel
canard	canyon	carbolic	carry
canary	caoutchouc	carbon	cart
cancel	cap	carbonate	carte
cancellation	capability	carbonic	cartel
cancer	capable	carboniferous	cartilage
candelabrum	capacious	carbonize	cartilaginous
candid	capacity	carborundum	carton
candidacy	capable	carbuncle	cartoon
candidate	caparison	carburetor	cartridge
candidature	cape	carcanet	carve
candied	capillarity	carcase	caryatid
candle	capillary	carcass	cascade
candor	capita	card	cascara
candy	capital	cardiac	case
cane	capitalistic	cardigan	casein
canine	capitalization	cardinal	cash
canister	capitalize	care	cashew
canker	capitation	careen	cashier
canna	capitol (C)	career	cashmere
cannel	capitulate	caress	casing
cannibal	capitulation	caret	casino
cannibalistic	capon	caribou	cask
cannikin	caprice	caricature	casket
canon	capricious	caries	casque
cannot	capstan	carillon	cassava
canny	capsule	carking	casserole
canoe	captain	carmine	cassia
canon	caption	carnage	cassock
canon	captious	carnal	cast
canonical	captivate	carnation	castanets
canonization	captive	carnelian	caste
canonize	captivity	carnival	castellated
canopy	captor	carnivorous	castigate
canst	capture	carol (C)	castigation
cant	caput	carom	castle
can't	car	carotid	castor
cantaloupe	carabineer	carousal	castrate
cantankerous	caramel	carouse	casual
cantata	carafe	carp	casuist
canteen	carapace	carpel	cat
canter	carat	carpenter	cataclysm
cantilever	caravan	carpentry	cataclysmic

catacomb	caution	codex	colander
catafalque	cautious	codger	cold
cataleptic	cavalcade	codicil	cole
catalogue	cavalier	codification	coleus
catalpa	cavalry	coed	colic
catamount	cave	coeducational	coliseum
catapult	cavern	coefficient	collaborate
cataract	caviar	coerce	collaboration
catarrh	cavil	coercion	collaborator
catastrophe	cavity	coercive	collapse
catastrophic	cavort	coeval	collar
catawba	caw	coexist	collate
catch	cayenne	coexistence	collateral
catchup	coach	coextensive	collation
cate	coadjutor	coffee	colleague
catechise	coagulation	coffer	collect
catechism	coagulate	coffin	collection
catechist	coal	cog	collective
catechize	coalesce	cogency	colleen (C)
catechumen	coalescence	cogent	college
categorical	coalition	cogitate	collegian
category	coarse	cogitation	collegiate
cater	coarsen	cognac	collide
caterpillar	coast	cognate	collie
caterwaul	coat	cognition	collier (C)
cathartic	coax	cognac	collision
cathedral	cob	cognate	collocation
catheter	cobalt	cognition	collodion
cathode	cobble	cognizance	colloid
catholic (C)	cobbler	cognizant	colloidal
catholicism	cobra	cognomen	collop
catholicity	cocaine	coheir	colloquial
catkin	coccus	cohere	colloquy
catnip	cochineal	coherence	collusion
catsup	cochlea	coherent	collusive
cattle	cock	cohesion	cologne
caucus	cockade	cohesive	colon
caudal	cockatoo	cohort	colonel
caught	cockatrice	coif	colonial
cauldron	cockerel	coiffeur	colonist
cauliflower	cockle	coiffure	colonization
caulk	cockswain	coign	colonize
causal	coco	coil	colonnade
causality	cocoa	coin	colony
causation	coconut	coincide	colophon
cause	cocoon	coincidence	color
caustic	cod	coincident	coloration
caustically	coddle	coincidental	colossal
cauterize	code	coke	colossus

colt	cool	corporal	cosy
columbine	coolie	corporate	cot
column	cooly	corporation	cote
columnar	coon	corporeal	coterie
columnist	coop	corps	cottage
coma	cooperate	corpse	cotter
comatose	cooperation	corpulence	cotton
comb	cooperative	corpus	cotyledon
come	cooperator	corpuscle	couch
comedian	coordinate	corral	cougar
comedienne	coordination	correct	cough
comedy	coot	correction	could
comestible	cop	correlate	coulee
comet	cope	correlation	coulisse
comic	coping	correlative	coulter
comical	copious	correspond	council
comma	copper	correspondence	counsel
commit	copperas	corridor	count
common	coppice	corroborate	countenance
company	copse	corroboration	counterfeit
compel	copy	corrode	countermand
comrade	coquetry	corrosion	counterpane
con	coquette	corrosive	countrified
conch	coquettish	corrugate	country
condor	coracle	corrugation	county
cone	coral	corrupt	coup
coney	cord	corruption	coupdetat
confer	cordial	corsage	coupe
confess	cordillera	corsair	couple
conger	cordón	corse	couplet
Congress (C)	corduroy	corselet	coupling
conic	core	corset	coupon
conical	coriander	cortege	courage
conifer	cork	cortex	courageous
connect	corm	cortical	courier
conquer	cormorant	corundum	course
constant	corn	cos	court
consul	cornea	cosine	courteous
consume	corner	cosmetic	courtesan
contain	cornel	cosmic	courtesy
contralto	cornet	cosmogony	courtier
control	cornice	cosmopolitan	cousin
conundrum	cornucopia	cosmos	cove
convalesce	corolla	cosset	covenant
convince	corollary	cost	coventry
convivial	corona	costard	cover
convulse	coronal	coster	covert
cony	coronation	costermonger	coverture
coo	coroner	costume	covet
cook	coronet	costumier	covey

cow	cuirass	cuprous	curt
coward	cuirassier	cur	curtail
cower	cuisine	curable	curtain
cowl	cuisse	curacao	curtal
coworker	culdesac	curate	curtsy
cowrie	culinary	curative	curule
coxcomb	cull	curator	curvature
coxswain	culminate	curb	curve
coy	culpable	curd	curvet
coyote	culprit	curdle	cushion
coz	cult	cure	cusp
cozen	cultivate	curfew	cuspidor
cozy	cultural	curia	cuss
cubbyhole	culture	curio	cussed
cube	culverin	curiosity	custard
cubic	culvert	curious	custodian
cubical	cumber	curl	custody
cubicle	cumbrous	curlew	custom
cubit	cumulative	currant	customary
cuckoo	cumulus	currency	cut
cucumber	cuneiform	current	cutaneous
cud	cunning	curricule	cute
cuddle	cup	curriculum	cuticle
cudgel	cupboard	curry	cutlass
cue	cupidity	curse	cutlery
cuff	cupola	cursor	cuttlefish

26.2b c initially in clusters with l and r, as in clap [klæp],
cream [kri:m].

clack	clarion	cleanliness	clerk
clad	clarionet	cleanly	clever
claim	clarity	cleanness	clew
clairvoyant	clash	cleanse	cliche
clam	clasp	clear	click
clamber	class	clearance	client
clamor	classic	cleat	clientele
clamorous	classical	cleavage	cliff
clamp	classicism	cleave	climate
clan	classification	clef	climatic
clandestine	classify	cleft	climax
clang	clatter	clematis	climb
clangor	clause	clemency	clime
clank	clave	clement	clinch
clap	clavicle	clench	cling
clapboard	claw	clepsydra	clinic
claret	clay	cleric	clinical
clarify	clayey	clergy	clink
clarinet	clean	clerical	clip

alique	cranium	crescendo	crop
cleaca	crank	cresol	croquet
cloak	cranny	cress	croquette
clock	crape	cresset	crasier
clod	craps	crest	cross
clog	crash	cretonne	crotch
cloister	crass	crevasse	crotchets
cloistral	crate	crevice	croton
close	cravat	crew	crouch
closet	crave	crewel	croup
closure	craven	crib	croupier
clot	craving	cribbage	crouton
cloth	crawfish	crick	crow
clothe	crawl	cricket	crowd
clothes	crayfish	cried	crown
clothier	crayon	crier	crozier
clothing	craze	crime	crucible
cloture	crazy	criminal	crucial
cloud	creak	criminality	crucifix
clough	cream	criminate	cruciform
clout	crease	criminologist	crucify
clove	create	criminology	crude
cloven	creation	crimp	crudity
clover	creative	crimson	cruel
clown	creature	cringe	cruet
cloy	credence	crinkle	cruise
club	credentials	crinoline	cruller
cluck	credibility	cripple	crumb
clue	credible	crisp	crumble
clump	credit	crisis	crumpet
clumsy	credo	crisscross	crumple
clumsily	credulity	criterion	crunch
clung	credulous	critic	crupper
cluster	creed	critical	crusade
clutch	creek	critically	cruse
clutter	creel	criticize	crush
crab	creep	criticism	crust
crack	creese	critique	crustacean
crackle	cremate	croak	crutch
cradle	cremation	crochet	crux
craft	creme	crock	cry
crag	creole (C)	crocodile	crypt
cram	cupid (C)	crocus	cryptic
cramp	creosote	croft	cryptigram
cranberry	crepe	crone	crystal
crane	crept	crook	crystallize
cranial	crescent	croon	

26.2c c in medial and final syllables, before a, o, or u, as in bacon [berkən], magically [mædʒɪkəlɪ], or in clusters, as in across [ækros]. For complete list of clusters, see introduction to this section.

For complete list of words with c in the endings ical and ically, see section 18.20b. For final c in the ending ic, see section 18.9b.

abdicate	affectation	article	bisect
abduct	affection	articulate	bivouac
abject	affectionate	ascot	bloc
abseond	afflict	ascribe	boycott
abstract	affliction	ascription	bract
acacia	agricultural	aspect	bricabrac
academe	alacrity	attract	brocade
academician	alcalde	attraction	bronco
academy	alcohol	auction	buncombe
acanthus	alcove	auricle	bureaucracy
acme	allocate	auricular	bureaucratic
acne	almanac	authenticate	caecum
acolyte	alpaca	autocracy	certificate
aconite	altercation	avocado	certification
acorn	ambuscade	avocation	cervical
acre	America	bacon	chanticleer
acreage	American	bacteria	character
acrid	amicable	bactericidal	characterize
acrimonious	emplification	bacteriologist	chiaroscuro
acrimony	anaconda	bacteriology	chic
acrobat	anecdote	bacterium	chicanery
act	angelica	balcony	chicory
action	anginae pectoris	barbecue	chocolate
activate	animalcule	barbican	chronicle
activity	apocalypse	barnacle	chronicler
actor	apocryphal	basilica	cicada
actress	apothecary	beacon	cincture
actual	appendectomy	beatification	circa
actuality	applicable	became	circle
actuate	applicant	because	circlet
acumen	apricot	become	circuit
acute	aqueduct	bellicose	circuitous
addict	arc	benedict	circular
adductor	arcade	benefactress	circulate
adjective	architect	benefactor	circulation
adjudicate	architectural	bicuspid	circulatory
adjunct	architecture	bicycle	circumambient
advocacy	aristocracy	binacle	circumcise
advocate	aristocrat	binocular	circumcision
affect	arnica	biscuit	circumference

circumferential	decrement	dictation	economist
circumlocution	decrepit	dictator	economize
circumnavigate	decretal	dictatorial	economy
circumnavigation	dedicate	diction	ecru
circumpolar	dedicatory	dictionary	ecstasy
circumscribe	deduct	dictum	ectoderm
circumscription	deduction	didactic	edict
circumspect	deductive	difficult	edification
circumspection	defalcation	diffraction	educate
circumstance	defect	direct	education
circumstantial	defection	direction	effect
circumvent	deflect	disclosure	effectual
circus	deflection	discomfit	efficacious
cyclamen	defunct	discomfiture	efficacy
cycle	deification	disconsolate	ejaculate
cyclist	dejected	discord	ejaculation
cycloid	dejection	discover	eject
cyclometer	delectable	discrepancy	ejection
cyclone	delectation	discrete	elect
cyclepedia	delicacy	discretion	election
dactyl	delicate	discriminate	electrician
daeon	delicatessen	discrimination	electricity
debacle	demarcation	discursive	electrify
decade	democracy	discuss	electro
decadence	democrat	discuss	electrocute
decadent	democratic	discussion	electrocution
decalog	democratize	dissect	electrode
decant	depict	dissection	electrolytic
decapitate	depiction	distinct	electromagnet
decay	deprecate	distinction	electrometer
declamation	deprecation	distract	electromotive
declamatory	deprecatory	distraction	electrophorous
declaration	derelict	district	electroscope
declaratory	dereliction	doctor	electrotype
declare	descant	doctrinaire	electrum
declension	describe	doctrine	elegiac
declination	description	document	elocution
decline	descri	domesticate	emasculate
declivity	desecrate	domestication	embarkation
decoction	despicable	dovecote	emulsification
decollete	destruction	ducal	encomium
decompose	destructive	ducat	encore
decompound	detect	duct	encroach
decor	detection	ductility	encumber
decorate	detract	duplicate	encyclopedia
decorative	detraction	duplication	encyclopedic
decorous	dialect	eccentricity	endocrine
decorum	dialectic	eclair	ensconce
decoy	dicotyledon	eclipse	epicure
decree	dictate	eclogue	epicurean

episcopal (E)	expectorate	glorification	incongruous
equinoctial	expectoration	glucose	inconsolable
equivocal	explicable	glycogen	incontestable
equivocate	explication	gratification	incorrigible
equivocation	extinct	guanaco	increase
eradicate	extinction	harmonica	increment
erect	extract	harumscarum	incriminate
escadrille	extraction	havoc	incubate
escalator	extricate	hecatomb	incubation
escallop	fabricate	hector (H)	incubus
escapade	fabrication	helicopter	inculcate
escarole	facsimile	herculean	inculcation
escarpment	fact	Hercules	incumbent
escort	faction	hibiscus	incumber
escritoire	factions	hocuspocus	incunabula
escutcheon	factitious	holocaust	incursion
eucalyptus	factory	hopscotch	indemnification
evacuate	factotum	horoscope	indicate
evacuation	factual	horticulture	indication
evict	faculty	hurricane	indicative
eviction	falcon	hydrophobia	indoctrinate
evocation	falsification	hypochondriac	induction
exact	fecund	hyprocrisy	ineradicable
exaction	fecundity	hypocrite	inextricable
exactitude	fiasco	icicle	infect
excavate	fiction	icon	infection
exclaim	fictitious	iconoclast	inflection
exclamation	fiscal	identification	inflict
exclude	flaccid	idiosyncrasy	inject
exclusion	fluctuate	imbricate	injection
exclusive	focal	immaculate	innocuous
excoriate	focus	implacable	inoculate
excrement	follicle	implicate	inoculation
excrete	forecastle	implication	inscription
excretion	fornication	imprecation	inscrutable
excretory	fortification	incandescence	insect
excruciating	fracas	incantation	inspect
exculpate	fraction	incapacitate	inspection
excursion	fracture	incarceration	instinct
excursive	franc	incarnadine	instruct
excuse	fresco	incarnate	instruction
execrable	fricassee	inclement	insurrection
execrate	fructification	inclination	intellect
excretion	fructify	incline	intellectual
execute	fulcrum	inclosure	intensification
execution	function	include	intercalate
executive	genealogical	inclusion	interdict
exemplification	gemflexion	incognito	interject
expect	gesticulate	incommensurable	interjection
expectancy	gesticulation	incoherence	interlocutor
expectation	glaucous	incongruity	intoxicant

intoxicate	macadam	multiplication	peculiar
intrigacy	macaroni	muscular	peculiarity
intricate	macaroon	mystification	pecuniary
introduction	macaw	necromancy	pelican
introspection	macintosh	necropolis	pemmican
investive	majolica	necrosis	pentecostal (P)
invocation	malefactor	nectar	percale
involucre	manacle	nectareous	percolate
irreconcilable	maniac	nectarine	percussion
irrevocable	manicure	neglect	perfect
jocose	manioc	nicotine	perfunctory
jocular	manufacture	nincompoop	pericardium
jocund	manuscript	nitrification	periscope
judicature	mascara	nocturnal	perpendicular
junction	mascot	nocturne	persecute
juncture	masculine	nomenclature	persecution
jurisdiction	massacre	noncommittal	personification
justification	masticate	nondescript	perspective
kaleidoscope	mastication	notification	perspicacity
lacrosse	matriculate	nuclear	perspicuity
lacteal	matriculation	nucleus	petrification
lactose	medicament	nullification	pharmacology
lacuna	medicate	object	pharmacopoeia
lacustrine	mediocre	objection	phylactery
lascar	mediocrity	obscure	picnic
lecture	mendicant	obstacle	picot
leucocyte	meniscus	obstruct	pictorial
lexicography	mercantile	obstruction	picture
lexicon	mercurial	octagon	picturesque
licitor	mercury	octagonal	pinnacle
lilac	meticulous	octave	placable
Lincoln	mica	octavo	placard
liquefaction	microcosm	October	placate
local	microbe	octopus	plectrum
locale	micrometer	octroi	plutocrat
locality	microphone	ocular	pontificate
localize	microscope	oculist	porcupine
locate	miracle	olfactory	portcullis
location	miraculous	oracle	portecochere
locomotion	miscreant	oracular	portico
locomotive	modicum	orbicular	portulaca
locus	modification	ossification	practicable
locust	molecular	pacification	practice
locution	molecule	pact	practitioner
lubricant	mollusc	pancreas	precarious
lubricate	mollycoddle	particle	precinct
lubrication	monocle	particular	preclude
lucrative	mortification	pecan	precocious
lucre	mucous	pectin	precocity
lucubration	mucus	pectoral	precursor
ludicrous	mulct	peculation	predicament

predicate	qualification	recurrence	satisfaction
predication	raccoon	recusant	satisfactory
predict	radicle	redaction	scab
prediction	ramification	reduction	scabbard
predilection	rancor	refection	scaffold
prefect	rascal	refectory	scalawag
prefecture	rascality	reflect	scald
prescribe	ratification	refract	scale
prescription	raucous	reject	scallop
prevaricate	rebec	rejection	scalp
prevarication	recalcitrant	relic	scalpel
proclaim	recant	reluctance	scamp
proclamation	recantation	reluctant	scan
preclivity	receptacle	repercussion	scandal
precrastinate	reciprocate	replica	scandalize
procrastination	reciprocation	republic	scant
procreant	reclamation	rescue	scape
proctor	recline	respect	scapular
procurator	recluse	restriction	scar
procure	recognition	resurrect	scarab
product	recognize	resurrection	scarce
production	recollect	retract	scare
productivity	recollection	retraction	scarf
prognosticate	recommend	retrospect	scarlatina
prognostication	recommendation	retrospection	scarlet
project	recompense	revocation	scarp
projection	reconcile	ricochet	scary
promiscuous	reconciliation	ridicule	scat
promiscuity	recondite	ridiculous	scathe
proscribe	regonnaissance	rococo	scatter
proscription	reconnoiter	ru ^{tion}	scavenger
prosecute	record	rusticate	sciatica
prosecution	recover	sac	sclerosis
prospect	recovery	sacrament	scoff
prospective	recreation	sacramental	scold
protect	recrimination	sacred	scoop
protection	recrudescence	sacrifice	sconce
protocol	recruit	sacrificial	scone
protract	rectal	sacrilege	scoot
provocation	rectangle	sacristan	scope
provocative	rectangular	sacrosanct	scopolamine
pterodactyl	rectification	sanctification	scorch
publican	rectify	sanctify	score
publication	rectitude	sanctimonious	scoria
punctilio	rector	sanction	scorn
punctual	rectory	sanctity	scorpion
punctuate	rectum	sanctuary	scot
punctuation	recumbent	sanctum	scoundrel
puncture	recuperate	saponification	scour
purification	recuperation	sarcasm	scourge
putrefaction	recur	sarcophagus	scout

seow	seclude	subject	tricycle
seowl	seclusion	subjection	triplicate
serabble	second	subjunctive	truculent
scrag	secrecy	subscribe	truncate
seraggly	secret	subscription	tubercle
seram	secretary	subtract	tubercular
scramble	secrete	subtraction	tuberculosis
serap	secretion	sucrose	tycoon
serape	secretive	suction	unbecoming
scratch	sect	suffocate	uncle
scrawl	sectarian	suffocation	unconscionable
scrawny	section	sumac	uncouth
scream	sector	superscription	unction
screech	secular	suppliant	unctuous
screen	secure	supplicate	unicorn
screw	security	supplication	unification
scribble	seduction	suspect	vacancy
scribe	select	sycamore	vacant
scrim	selection	sycophant	vacate
scrimmage	shellac	syncopate	vacation
scrimp	sic	syncopation	vacuity
scrip	siecle	syndicalism	vacuole
script	significance	syndicate	vacuum
scripture	significant	tabasco	valedictory
scrivener	signification	tabernacle	vascular
scrofula	silica	tact	vector
scroll	silicon	tactician	vehicle
scrub	simplification	tactics	vehicular
scruff	sinecure	tactile	ventricle
scruple	solidification	talc	verdict
scrupulosity	sophisticated	talcum	verification
scrupulous	sophistication	tapioca	vernacular
scrutinize	specification	technocracy	versification
scrutiny	spectacle	technocrat	vesical
soud	spectacular	telescope	viaduct
scuffle	spectator	tentacle	viaticum
scull	specter	tentacular	vicar
scullery	spectroscope	terracotta	vicarious
scullion	spectrum	tinct	victim
sculptor	speculate	tincture	victor (V)
sculpture	speculation	tocsin	victoria (V)
scum	spicule	tract	victory
scupper	spiracle	traction	victrola
scurf	stalactite	tractor	vicuna
scurrilous	statistics	trajectory	vindicate
scurry	stratification	transcription	vindication
scurvy	strict	treacle	vindictive
scut	stricture	tricolor	viscosity
scuttle	structure	tricot	viscount
scutch	stupefaction	tricotine	viscous
scutcheon	subclavian	tricuspid	vocabulary

vocal	vulcanize	welcome	zircon
vocation	wainscot	yclept	
volcano	waistcoat	zinc	

26.3a cc when followed by the vowels a, o, u, or the consonants l and r, as in account [ə'kaunt], accrue [ə'kru].

acclaim	accost	coccus	occurrence
acclamation	account	desiccate	peccadillo
acclimate	accountancy	ecclesia	peccary
acclimate	accountant	ecclesiastic	piccolo
acclimatize	accouter	felucca	raccoon
acclivity	accredit	hiccup	sirocco
accolade	accrue	impeccable	soccer
accommodate	accumulate	moccasin	staccato
accompaniment	accuracy	morocco	stucco
accompanist	accurate	occasion	succor
accompany	accursed	occlude	succotash
accomplice	accusation	occlusion	succulent
accomplish	accusative	occult	succumb
accompt	accuse	occupancy	tobacco
accord	accustom	occupant	yucca
accordance	baccalaureate	occupation	
accordant	broccoli	occupy	
accordion	buccaneer	occur	

26.3b cc preceding the vowels e, i is pronounced [ks] because of the "softening" influence of the vowels upon the second c.

accede	access	eccentric	success
accelerate	accessible	eccentricity	succession
accent	accession	flaccid	successive
accentuate	accessory	occident (0)	succinct
accept	accidence	occidental (0)	vaccinate
acceptable	accident	occipital	vaccination
acceptance	accidental	succeed	vaccine

26.4 ch initially or finally in syllables, alone or in clusters, as in chasm [kæzəm], Christmas [krɪsməs], monarch [manək, monək].

See sections 34.10 and 36.1 for other pronunciations of words spelled with ch.¹

ache	alchemist	anachronism	anarchical
achromatic	alchemy	anarch	anarchist

¹The Anglo-Saxon word ache was originally spelled ake.--Wright, New English Grammar, p. 122.

anarchy	chiaroscuro	chrysoprase	orchestral
anchor	chimaera	cinchona	orchestration
arachnid	chimera	cochlea	orchid
archaeological	chimerical	*conch	pachyderm
archaeologist	chirurgion	*dachshund	parochial
archaeology	chiton	distich	patriarch
archaic	chloral	echidna	psyche
archaism	chlorate	echinoderm	psychiatry
archangel	chloride	echo	psychic
archeologist	chlorine	epoch	psychoanalysis
archetype	chloroform	euchre	psychoanalyst
archiepiscopal	chlorophyll	eunuch	psychological
archipelago	choir	exarch	psychology
architect	cholera	harpsichord	psychopathic
architectural	choleric	heptarchy	psychosis
architecture	cholesterol	hierarchy	schedule
architrave	choral	hydrochloric	schematic
archon	chorale	hypochondriac	scheme
batrachian	chord	ichneumon	scholar
*bluecher	chorea	ichthyosaurus	scholastic
bronchial	chorister	inchoate	scholiast
bronchitis	chorus	lachrymal	school
broncho	Christ	lichen	schooner
bronchus	christen	loch	sepulcher
catechise	christian (C)	machination	sepulchral
catechism	Christmas	malachite	stomach
catechist	chromatic	maraschino	strychnin
catechize	chrome	mechanic	sumach
chalcedony	chromic	mechanician	synchronize
chameleon	chromium	mechanical	technic
chaos	chromo	mechanism	technical
chaotic	chromosome	mechanize	technician
character	chronic	melancholy	technique
characteristic	chronicle	monarch	technocracy
characterization	chronological	monarchial	technological
characterize	chronology	monarchy	technology
characterry	chronometer	ocher	trachea
chasm	chrysalis	ochre	trachoma
chemical	chrysanthemum	oligarch	trptych
chemist	chrysolite	oligarchy	trochee
chemistry		orchestra	

26.5 ek finally in a word or syllable, alone or in the clusters [ks] and [kt], as in back [bæk], stocking ['stakɪŋ, 'stokɪŋ], backs [bæks], and backed [bækt].

acknowledge	bannock	black	brick
amuck	barrack	block	buck
attack	beck	bracket	bucket
back	beckon	bracken	buckle
bailiwick	bicker	brackish	buckler

buckram	grackle	neckerchief	snack
bullock	hack	niblick	snicker
burdock	hackney	nick (N)	sock
buttocks	haddock	nickel	socket
cackle	hammock	pack	speck
cassock	hassock	paddock	speckle
cheek	heckle	panicky	spick
chick	hick	peek	sprocket
chickadee	hook	pick	stack
chickaree	huckleberry	pickerel	stick
chicken	huckster	picket	stickle
chock	hummock	pickle	stock
clack	jack (J)	placket	stockade
click	jackal	pluck	stocking
clock	jackanapes	pock	stricken
cluck	jacket	pocket	struck
cock	jinricksha	pollack	stuck
cockade	jockey	pollock	suck
cockatoo	kick	prick	suckle
cockatrice	kickshaw	prickle	tack
cockerel	knaack	puck	tackle
cockle	knickerbocker	quack	thick
cockswain	knickknack	quick	thicket
crack	knock	rack	thwack
crackle	knuckle	racket	tick
criek	lack	rebeck	ticket
cricket	lackadaisical	reck	tickle
crook	lackey	reckon	ticktock
cuckoo	lick	rick	track
deck	limerick	rickets	trafficker
derrick	lock	rock	trick
dick (D)	locket	rocket	trickle
dock	luck	rollicking	truck
duck	mackerel	sack	truckle
fetlock	mackinaw	shack	tuok
fickle	mattock	shock	tussock
finicky	maverick	shuck	whack
fleck	mickle	sick	wick
flick	mimick	sickle	wicker
flock	mock	slack	wicket
freckle	muck	slick	wrack
frock	neck	smack	wreck
gecko	necklace	smock	

26.6 g wherever found. Initially in syllables, it may be alone, as in quay [ki], chinguapin ['tʃɪŋkəpɪn], or in the clusters [kw] and [skw], as in quick [kwɪk], squeak [skwɪk].

In final position it may be alone, as in pique [pɪk], or in the clusters [ks], [kt], [rk], [rks], [sk], [sks], as in antiques [æn'tɪks], piqued [pɪkt], marque [mɑrk, mɑ:k], marques [mɑrks, mɑ:ks], mosque [mask, mask], mosques [mask, mɑks].

adequacy	enquire	liquor	qualitative
adequate	enquiry	loquacious	quality
antiquarian	equability	loquacity	qualm
antiquated	equable	magniloquence	quandary
antique	equal	mannequin	quantitative
antiquity	equality	marque	quantity
applique	equalize	marquee	quantum
aquamarine	equalization	marquess	quarantine
aquarium	equalize	marquis	quarrel
aquatic	equanimity	marquise	quarry
aquatint	equate	masque	quart
aqueduct	equation	masquerade	quarter
aqueous	equatorial	mesquite	quartet
aquiline	equerry	mosque	quarto
arabesque	equine	mosquito	quartz
arquebus	equestrian	oblique	quash
banquet	equidistant	obliquity	quasi
baroque	equilateral	obloquy	quaternary
bequeath	equilibrium	obsequies	quatrain
bequest	equinoctial	obsequious	quatre
bisque	equinox	opaque	quaver
bouquet	equip	palanquin	quay
brusque	equipage	parquet	quean
casque	equipoise	perquisite	queasy
catafalque	equitable	physique	queen
chautauqua	equity	picturesque	queer
cheque	equivalent	piquancy	quell
chinquapin	equivocal	piquant	quench
cinqfoil	equivocate	pique	querulous
cirque	equivocation	piquet	query
clique	esquire	plaque	quest
colloquial	exquisite	propinquity	question
colloquy	etiquette	qua	queue
communique	exchequer	quack	quibble
conquer	frequency	quadrangle	quick
conquest	frequent	quadrangular	quid
conquistador	grandiloquence	quadrant	quiescence
consequence	grotesque	quadrant	quiet
consequent	harlequin	quadrature	quietude
consequential	harquebus	quadrennial	quietus
coquetry	iniquity	quadrilateral	quill
coquette	inquire	quadrille	quillet
coquettish	inquiry	quadruped	quilt
critique	inquisition	quadruple	quince
croquet	inquisitive	quaeator	quinine
croquette	jonquil	quaff	quinsy
delinquency	liquefaction	quagmire	quint
delinquent	liquefy	quail	quintessence
deliquescent	liqueur	quaint	quintet
disquisition	liquid	quake	quip
eloquence	liquidate	qualification	quire
eloquent	liquidation	qualify	quirk

quirt	request	squalid	squirm
quit	requiem	squall	squirrel
quite	require	squalor	squirt
quittance	requisite	squander	statuesque
quiver	requisition	square	subsequent
quixotic	sequel	squash	technique
quiz	sequence	squat	toque
quoit	sequester	squaw	torque
quondam	sequesterate	squawk	tourniquet
quorum	sequestration	squak	tranquil
quota	sequin	squeal	tranquillity
quotation	sequoia	squeamish	turquoise
quote	sobriquet	squeeze	ubiquitous
quoth	soliloquy	squelch	unique
quotient	squab	squib	vanquish
ramequin	squabble	squid	vaquero
relinquish	squad	squint	ventriloquist
relique	squadron	squire	

26.7 [k] nearly always is the first sound in the letter x, as in fix [fiks]. See sections 24.3 and 43.5 for other pronunciations of x. When final in a stressed syllable, x has the sound [ks]. When the x is followed by a vowel in the next syllable, the [k] sound closes one syllable and the [s] becomes part of the next syllable, as in pixy ['piksɪ].

affix	coax	exarch	exoresence
ambidextrous	codex	excavate	excrete
annex	coextensive	excavation	excretion
annexation	complex	exposed	excretory
anthrax	complexion	excel	excruciating
anxious	complexity	excellence	exculpate
apex	conflux	excelsior	excurrent
apoplexy	connexion	except	excursion
appendix	context	exception	excursive
approximate	convex	excerpt	excuse
asphyxiate	convexity	excess	execrable
asphyxiation	cortex	exchange	execrate
ax	coxcomb	exchequer	excretion
axial	coxswain	excise	execute
axil	crucifix	excitation	execution
axiom	crux	excite	executor
axiomatic	dexter	exclaim	exegesis
axis	dexterity	exclamation	exegetical
axle	dextrin	exclamatory	exercise
bauxite	dioxide	exclude	exsunt
betwixt	doxology	exclusion	*exhalation
borax	doxy	exclusive	*exhale
box	duplex	excommunicate	exhibition
buxom	elixir	excommunication	*exhortation
calyx	equinox	excoriate	exhumation
climax	*exacerbate	excrement	*exhume

exigency	exponent	*exude	next
*exile	export	*exultation	nix
*exit	exportation	fix	noxious
exodus (E)	expose	fixation	obnoxious
exorcise	exposition	fixative	onyx
*exordium	expositor	fixity	orthodox
exotic	expostulate	fixture	oryx
expand	expostulation	flax	ox
expanse	exposure	flex	oxalic
expansion	expound	flexibility	oxalis
expansive	express	flexible	oxford (O)
expatiate	expression	flexure	oxidation
expatriate	expulsion	flux	oxide
expatriation	expunge	fluxion	oxidize
expect	expurgate	fox	oxyacetylene
expectancy	exquisite	galaxy	paradox
expectation	extant	heterodox	parallax
expectorate	extemporaneous	hexagon	paroxysm
expectoration	extempore	hexagonal	pax
expediency	extemporize	hexameter	peroxide
expedite	extend	hoax	perplex
expedition	extension	hydroxide	perplexity
expeditious	extensive	hydroxyl	phalanx
expel	extent	ibex	pharynx
expend	extenuate	index	phlox
expenditure	extenuation	inexorable	phoenix (P)
expense	exterior	inexpiable	pixy
expensive	exterminate	inextricable	plexus
experience	extermination	intoxicant	pox
experiment	external	jinx	prolix
experimental	extinct	juxtapose	proximate
experimentation	extinction	juxtaposition	proximity
expert	extinguish	larynx	proxy
expiate	extirpate	latex	pyx
expiation	extirpation	lax	quixotic
expire	extol	laxative	reflex
expiry	extort	lex	relax
explain	extortion	lexicography	relaxation
explanation	extra	lexicon	saxifrage
explanatory	extraction	luxuriant	saxophone
expletive	extradite	luxurious	sex
explicable	extradition	luxury	sextant
explication	extraneous	lynx	sextet
explicit	extraordinary	matrix	sexton
explode	extravagance	maxilla	sexual
exploit	extravaganza	maxillary	six
exploitation	extreme	maxim	sixteen
exploration	extremity	maximum	sixty
exploratory	extricate	minx	smilax
explore	extrude	mix	sphinx
explosion	extrusion	mixture	suffix
explosive	exudation	monoxide	syntax

syrix	textile	toxin	vexation
tax	textual	tuxedo	vexatious
taxation	texture	'twixt	vixen
taxi	thorax	vertex	vortex
text	toxic	vex	vox
			wax

26.8 [k] appears as an intrusive glide sound in the words given below, as in amongst [ə'mʌŋkst].

amongst anxious length strength

26.9a k is silent in initial position preceding n.

knack	knell	knight	knot
knapsack	knelt	knit	know
knave	knew	knives	knowable
knead	knickerbocker	knob	knowledge
knee	knickknack	knock	known
kneel	knife	knoll	knuckle

26.9b c is silent in the words beginning ac before g, in which the ac represents an assimilated form of the Latin prefix ad, and in a few French loan-words.

acquaint	acquiesce	acquisition	acquit
acquaintance	acquire	acquisitive	lacquer
			sacque

26.9c c is silent in a few words of Latin and Greek origin in which the first c is silent and the second c in ch is pronounced [k].

bacchanal bacchanalian bacchante (B) saccharine

26.9d c is silent before t in the words indict and victuals.

26.9e ck is silent in one pronunciation of the blackguard.

26.9f ch is silent in the words drachm and yacht.

27. THE SOUND [l]

The spellings of [l] are:

1. l wherever found, except as below.
2. ll wherever found.

Note: For other pronunciations of [l], see:

1. Silent l, section 27.3.

The distribution of [l] in English words is as follows:

A. [l] alone.

1. Initially in syllables, as in look [lʊk],
alone [ə'laʊn].
2. Finally in syllables, as in ball [bɔl],
alpha ['ælfə].

B. In phonetic clusters.

1. Initially in syllables, as in

- a. [pl] - please [pli:z]
- b. [kl] - cloud [klaʊd]
- c. [bl] - black [blæk]
- d. [gl] - glue [glu]
- e. [fl] - flap [flæp]
- f. [sl] - sling [slɪŋ]
- g. [spl] - splash [splæʃ]
- h. [skl] - sclerosis [sklə'rouəs, sklə'rouɪs]

2. Finally in syllables, as in

- a. [lz] - bells [bɛlz]
- b. [ls] - false [fɔls]
- c. [lp] - help [hɛlp]
- d. [lps] - helps [hɛlps]
- e. [lt] - lilt [lɪlt]
- f. [lts] - kilts [kɪlts]
- g. [lk] - milk [mɪlk]
- h. [lks] - milks [mɪlks]
- i. [rl] - snarl [snɔrl, snɑ:l]
- j. [rlz] - Charles [tʃɑrlz, tʃɑ:lz]
- k. [lv] - valve [vælv]
- l. [lvz] - valves [vælvz]
- m. [ld] - held [held]
- n. [ldz] - builds [bɪldz]
- o. [lb] - bulb [bʌlb]

p. [lbz] - bulbs [bʌlbz]
 q. [ldʒ] - bulge [bʌldʒ]
 r. [lt] - filch [fɪltʃ]

Words with [l] are grouped for practice as follows:

27.1a l initially before vowels in words, as in limp [lɪmp].

la	lama	lash	lea
lab	lamb	lass	leach
label	lambaste	lassitude	lead
labial	lambent	lasso	leaf
labor	lame	last	league
laboratory	lamella	latch	leak
laborious	lament	late	leal
laburnum	lamentable	lateen	lean
labyrinth	lamina	latent	leant
laee	lamine	lateral	leap
lacerate	lamination	latex	leapt
lachrymal	lamp	lath	learn
lacing	lampoon	lathe	lease
lack	lamprey	Latin	leash
lackadaisical	lance	latitude	least
lackey	lancet	latrine	leather
laconic	lanceolate	latter	leave
laquer	land	lattice	leaven
lacrosse	landau	laud	lecherous
lacteal	lane	laudanum	lecture
lactic	language	laudation	led
lactose	languid	laugh	ledge
lacuna	languor	launch	lee (L)
lacustrine	lank	launder	leech
lacy	lantern	laundry	leek
lad	lap	laureate	leer
ladder	lapel	laurel	lees
laddie	lapidary	lava	left
lade	lapse	lavatory	leg
laden	larboard	lave	legacy
ladle	larceny	lavender	legal
lady	larch	lavish	legality
lag	lard	law	legate
laggard	lares	lawn	legend
lagoon	large	lawyer	legibility
laid	largo	lax	legible
lain	lariat	laxative	legion
lair	lark	lay	legislate
laird	larva	layette	legislation
laissezfaire	larynx	lazar	legislature
laity	lascar	lazaretto	legitimate
lake	lascivious	lazy	

legume	libel	ling	little
leguminous	liberal	linger	littoral
leisure	liberality	lingerie	liturgy
leman	liberate	lingo	live
lemon	liberation	lingual	livelon
lemur	liberty	linguistic	liver
lend	librarian	liniment	livery
length	library	link	livid
leniency	libretto	linnet	livre
lenient	lice	linoleum	lizard
lenity	licence	linotype	lo
lens	licentious	linseed	loach
leny (L)	lichen	linsey	load
lenten	lick	lint	loaf
lentil	liotor	lintel	loam
leonine	lid	lion	loan
leopard	lie	lip	loath
leper	lief	liquefaction	loathe
leprosy	liege	liquefy	loaves
lesion	lien	liqueur	lob
less	lieu	liquid	lobby
lesson	lieutenant	liquidate	libe
lest	life	liquidation	lobster
let	lift	liquor	local
lethal	ligament	lira	locale
lethargic	ligature	lire	locality
lethargy	light	lisle	localize
letter	lignite	lisp	locate
lettuce	like	list	location
leucocyte	lilac	listen	loch
levee	lilt	lit	lock
level	lily (L)	litany	locket
lever	limb	liter	locomotion
leveret	limber	literal	locomotive
leviathan (L)	limbo	literary	locust
levulose	limerick	literature	locution
levy	limit	litharge	lode
lewd	limitation	lithe	lodge
lewisite	limn	lithia	loess
lex	limousine	lithograph	loft
lexicography	limp	lithographic	log
lexicon	linchpin	lithographer	loganberry
liability	Lincoln	lithography	logarithm
liable	linden	lithosphere	loggia
liaison	line	litigant	logic
liana	lineage	litigation	logical
liane	lineal	litigious	logician
liar	linear	litmus	logothete
libation	linen	litter	loin

leiter	lot	luck	lupine
lell	loth	lucrative	lupus
lollipop	lotion	lucre	lurch
London	lottery	lucubration	lure
lens	lotos	ludicrous	lurid
leng	lotus	luff	lurk
longevity	loud	lug	luscious
longitude	lounge	luggage	lush
leek	lour	lugubrious	lust
loom	louse	lukewarm	lustrous
leon	lout	lull	lute
loop	love	lullaby	luxuriant
leese	low	lumbago	luxurious
leot	lower	lumber	luxury
lep	lowliness	lumbar	lycee
lope	loyal	luminary	lyceum
lequacious	lozenge	luminosity	lye
lequacity	lubber	luminous	lymph
lord (L)	lubricant	lump	lymphatic
lore	lubricate	lunacy	lynch
lorgnette	lubrication	lunar	lynx
lern	lucent	lunatic	lyre
lorry	lucerne	lunch	lyric
lose	lucid	lune	
loss	lucidity	lung	
lost	lucifer (L)	lunge	

27.1b l in medial and final syllables, alone or in clusters, as in stimulate ['stɪmjəleɪt], elastic [ə'ləstɪk, r'ləstɪk], English ['ɪŋɡlɪʃ]. For other clusters see the introduction to this section.

For complete lists of words with l in the unstressed endings able and ably, see section 18.1d; for ible and ibly, see section 18.4b; for the ending less, see section 18.19b; for ending ly, see section 18.8.

ability	acclimate	adolescence	affliction
ablative	acclimatize	adulation	affluence
ablution	acclivity	adult	agglomerate
abnormality	accolade	adulterate	agility
abolish	accomplice	adultery	agricultural
abolition	accomplish	advisability	agriculturalist
absolute	accumulate	aeolian	agriculture
absolve	acetanilid	aeroplane	aileron
accelerate	acknowledge	affability	alabaster
acceptability	acolyte	affiliate	alacrity
accessibility	acropolis	affiliation	alarm
acclaim	actuality	afflatus	alarum
acclamation	adaptability	afflict	alas

albatross	altercation	annihilate	atlas
albeit	alternate	annular	audibility
albinism	alternative	annulet	auld
albino	although	anomalous	auricular
album	altimeter	antediluvian	automobilist
albumen	altitude	anthology	auxiliary
albuminous	alto	anthropological	availability
alcalde	altogether	anthropology	avalanche
alchemist	altruistic	antler	azalea
alchemy	alum	apocalypse	babbler
alcohol	alumina	apologetic	baccalaureate
alcove	aluminum	apologia	bachelor
alder	alumna	apologize	bacteriological
alembic	alumnae	apologue	bacteriologist
alert	alumni	apology	bacteriology
alfalfa	alumnus	apoplectic	bailiff
algae	alveolar	apoplexy	bailiwick
algebra	alveolus	apostolic	bakelite
algebraic	always	applaud	balance
alias	always	applause	balbriggan
alibi	alyssum	appliance	balcony
alien	amalgam	applicant	bald
align	amalgamate	applied	baldric
aliment	ambulance	applique	ballad
alimentary	ambulatory	aquiline	balsam
alimony	amiability	arbalest	baluster
aline	amplification	archaeological	balustrade
alive	amplify	archaeologist	banality
alkali	amplitude	archaeology	bandolier
alkaline	amulet	archipelago	bantling
alkalinity	amylopsin	armlet	basilica
alkaloid	analgesia	arteriosclerosis	basilisk
almanac	analogous	articulate	battalion
almighty	analogy	articulation	bedlam
almoner	analyse	artificiality	beetling
almost	analysis	asphalt	beheld
aloes	analyst	asphaltum	behold
aloha	analytic	assailant	beholden
alone	analyze	assault	belated
aloof	angelic	assemblage	belch
alp	angelica	assimilate	beleaguer
alpaca	angler	assimilation	belfry
alpha	angling	astrolabe	belief
alphabet	angular	astrologer	believe
alpine	angularity	astrological	belleslettres
already	aniline	astrology	belong
also	animalcule	asylum	beloved
altar	animalism	athlete	below
alter	anklet	athletic	belt
alteration	annalist	Atlantic	benevolence

benevolent	bloom	burlap	cataclysmic
bewilder	blossom	burlesque	catafalque
biblical	blot	butler	cataleptic
bibliographical	blotch	cabalistic	catalogue
bibliography	blouse	calabash	catalpa
bilge	blow	calaboose	catapult
bilious	blubber	calamity	catholic (C)
binocular	blucher	calamus	catholicism
biologic	bludgeon	calash	catholicity
biology	blue	calcareous	cauldron
blab	bluet	calcify	cauliflower
black	bluff	calcimine	causality
blackguard	bluish	calcine	cavalcade
bladder	blunder	calcite	cavalier
blanch	blunt	calcium	cavalry
bland	blur	calculate	ceiling
blare	blurb	calculation	celandine
blarney	blurt	calculus	celebrant
blase	blush	caldron	celebrate
blaspheme	bluster	calendar	celebration
blasphemous	bold	caliber	celebrity
blasphemy	bolero	calibrate	celerity
blast	bolster	calibre	celery
blatant	bolt	calico	celestial
blaze	booklet	calif	celibacy
blazon	boulder	calipers	cellular
bleach	boulevard	caliphate	celluloid
bleak	bowlder	calomel	cellulose
blear	bowlegged	caloric	centralization
bleat	bracelet	calorie	centralize
bled	broccoli	calorimeter	cerulean
bleed	brooklet	calumet	chalcedony
blemish	buckler	calumniate	chalet
blench	bucolic	calumnious	chalice
blend	buffalo	calumny	chamberlain
bless	bugler	calyx	chameleon
blest	build	camelopard	chandler
blew	built	camouflage	changeable
blight	bulb	campanula	changeling
blind	bulbul	canalize	chanticleer
blink	bulge	candelabrum	chaplain
bliss	bulk	cantilever	chaplet
blister	bulrush	capability	charlatan
blithe	bulwark	capitalization	Charles
blizzard	bumblebee	capitulate	chasuble
bloat	bungalow	capitulation	chesterfield (C)
bloo	bungler	carbolic	chevalier
block	burglar	carnelian	chilblain
blend	burglarious	carteblanche	child
blood	burglary	cataclysm	children

chili	clarify	clink	cole
chivalric	clarinet	clip	coleus
chivary	clarion	clique	colic
chlorate	clarionet	cloaca	coliseum
chloride	clarity	cloak	cologne
chlorine	clash	clock	colon
chloroform	clasp	clod	colonial
chlorophyll	class	clog	colonist
chocolate	classic	cloister	colonization
cholera	classicism	cloistral	colonize
choleric	classification	close	colonnade
cholesterol	classify	closet	colony
chronicler	clatter	closure	colophon
chronological	clause	clot	color
chronology	clavicle	cloth	coloration
chrysalis	claw	clothe	colossal
chrysolite	clay	clothes	colossus
cilia	clayey	clothier	colt
ciliary	clean	clothing	columbine
ciliate	cleanse	cloture	column
circle	clear	cloud	columnar
circlet	clearance	cloudlet	columnist
circular	cleat	clough	commercialize
circulate	cleavage	clout	compatibility
circulation	cleave	clove	compilation
circulatory	clef	cloven	complacence
circumlocution	cleft	clover	complacency
cisalpine	clematis	clown	complacent
civilian	clemency	cloy	complain
civility	clement	club	complainant
civilization	clench	cluck	complaint
civilize	clepsydra	clue	complaisance
clack	cleric	clump	complaisant
clad	clergy	clumsy	complement
claim	clerical	clung	complementary
clairvoyant	clerk	cluster	complete
clam	clever	clutch	completion
clamber	clew	clutter	complex
clamor	cliche	coagulation	complexion
clamorous	click	coagulate	complexity
clamp	client	coalesce	compliance
clan	clienteles	coalescence	compliant
clandestine	cliff	coalition	complicate
clang	climate	cobalt	complication
clangor	climatic	cobbler	complicity
clank	climax	cochlea	compliment
clap	climb	codling	complimentary
clapboard	clime	codlin	comply
claret	clinch	colander	compulsion
	clinic	cold	compulsive

compulsory	corpulence	cyclopedia	duplicate
conciliate	corpulent	cylinder	duplication
conciliation	corpuscle	cylindrical	duplicity
conciliatory	correlate	dahlia	durability
conclave	correlation	dilemma	duralumin
conclude	correlative	dilettante	dwelt
conclusion	corselet	diligence	eaglet
conclusive	cosmopolitan	dilute	ecclesia
condole	coulée	dilution	ecclesiastic
condolence	coulisse	diluvial	echelon
conflagration	coulter	diploma	eclair
conflict	couplet	diplomat	eclat
confluence	coupling	disciplinary	eclectic
confluent	coverlet	discipline	eclipse
conflux	crackling	disclosure	eclogue
congeniality	credentials	disconsolate	efflorescence
conglomerate	credibility	disheveled	effluence
conglomeration	credulity	dispersal	effluvium
congratulate	credulous	dissemble	effulgence
congratulation	criminality	dissembler	eglantine
congratulatory	criminologist	dissimulation	ejaculate
consolation	criminology	dissolute	ejaculation
consolatory	crinoline	dissolution	elaborate
consolidate	crosslet	dissolve	elaboration
consolidation	culdesac	disulfide	elapse
constable	culinary	divulge	elastic
constabulary	culminate	docile	elasticity
constitutionality	culprit	docility	elate
consular	cult	dolce	elation
consulate	cultivate	doldrums	elbow
consult	cultural	dolomite	eld
consultation	culture	dolor	elder
contemplate	culverin	dolorous	elect
contemplation	culvert	dolphin	election
contemplative	cumulative	dolt	electric
contractility	cumulus	domiciliary	electrical
contralto	cupola	doublet	electrician
convalesce	curlew	doublon	electricity
convalescence	curriculum	doxology	electrification
conventicle	cutlass	dreamland	electrify
conventionality	cutler	dribblet	electro
conviviality	cutlery	droplet	electrocute
convolvulus	cutlet	drumlin	electrocution
convolution	cyclamen	duality	electrode
convulse	cyclic	duckling	electrolysis
convulsion	cyclist	ductility	electrolyte
convulsive	cycloid	dulcet	electrolytic
coolie	cyclometer	dulcimer	electromagnet
oracle	cyclone	dumpling	electrometer
cordiality	cyclonic	duplex	electromotive

electron	emulate	evangelist	falsetto
electrophorus	emulation	evolution	falsification
electroscope	emulous	evolve	falsify
electrostatic	emulsification	exalt	falsity
electrotype	emulsify	exaltation	falter
electrum	emulsion	excelsior	familiar
eleemosynary	encyclical	excitability	familiarity
elegance	encyclopedia	exclaim	familiarize
elegiac	endothelial	exclamation	fatality
elegy	enfilade	exclamatory	fault
element	England	exclude	fealty
elementary	English	exclusion	feasibility
elephant	enliven	exclusive	feldspar
elevate	ensemble	exculpate	felicitate
elevation	ensilage	exemplar	felicitation
eleven	entablature	exemplary	felicity
elf	entomological	exemplify	feline
elicit	entomology	exhalation	felon
eligibility	entrails	exhilarate	felonious
eliminate	envelop	exhilaration	felony
elimination	envelope	explain	felspar
elite	epaulet	explanation	felt
elixir	epilepsy	explanatory	felucca
Elizabeth	epileptic	expletive	fertility
elk	epistemology	explication	fetlock
elm	epistolary	explicit	fibular
elocution	epithalamium	explode	fiddler
elongate	epithelium	exploit	fidelity
elope	equability	exploitation	field
eloquence	equality	exploration	filament
eloquent	equalization	exploratory	filbert
else	equalize	explore	filch
elucidate	equilibrium	explosion	filial
elucidation	equivalent	explosive	filet
elude	erysipelas	expostulate	filibuster
elusive	escalator	expostulation	filigree
elves	esplanade	expulsion	film
elysium	establish	exult	filter
emasculate	ethnological	exultant	filth
embezzle	ethnology	exultation	filtration
emblem	ethylene	eyelet	finale
emblematic	etymological	fabulous	finality
embolden	etymology	facilitate	firstling
embolism	eucalyptus	facility	fistula
embryology	eulogistic	facsimile	flabby
emerald	eulogium	faculty	flabbergast
emolument	eulogize	failure	flaccid
employ	evaluate	falchion	flag
employee	evaluation	falcon	flagellation
empurpled	evangelical	false	flageolet

flagitious	flip	flux	garlic
flagon	flippancy	fluxion	garrulity
flagrant	flirt	fly	garrulous
flail	flirtation	fold	gasoline
flair	flit	folderol	gauntlet
flake	flitch	foliage	gelatin
flambeau	flivver	folio	gelatinous
flamboyant	float	forlorn	gelding
flame	flock	formaldehyde	genealogical
flamingo	floe	formalin	genealogy
flange	flog	formality	generality
flank	flood	formula	generalization
flannel	floor	formulae	generalize
flannelette	flop	formulary	gentility
flap	flora (F)	formulate	genuflection
flare	Florence	formulation	geologic
flash	florid	foulard	geology
flask	florin	foundling	gesticulate
flat	florist	fragility	gesticulation
flatter	floss	Franklin	giblet
flaunt	flotation	fraudulent	gild
flavor	flotilla	frivolity	gilt
flaw	flotsam	frivolous	gimlet
flax	flounce	frolic	glace
flay	flounder	frontlet	glacial
flea	flour	frugality	glaciate
fleck	flourish	fulcrum	glacier
fled	flout	fulfill	glacis
fledge	flow	fulminate	glad
fledgling	flower	fulsome	glade
fledgeling	flowery	furbelow	gladiator
flee	flown	furlough	gladiatorial
fleece	flu	fuselage	gladiola
fleur	fluctuate	fusileer	gladiolus
fleet	fluctuation	futility	glair
flesh	flue	gala	glaive
fleurdelis	fluent	galactic	glamour
flew	fluff	galaxy	glamorous
flex	fluid	galena	glance
flexibility	fluke	galore	gland
flexure	flume	galosh	glandular
flibbertigibbet	flung	galvanic	glare
flick	flunk	galvanism	glass
flier	fluorescence	galvanize	glaucous
flies	fluoride	galvanometer	glaze
flight	flurry	gambler	gleam
flimsy	flush	ganglia	glean
flinch	fluster	ganglion	glebe
fling	flute	gantlet	glee
flint	flutter	garland	glen

glib	grueling	histology	incline
glide	grumbler	hold	inclosure
glimmer	guild	holiday	include
glimpse	guilt	holocaust	inclusion
glint	gulch	holster	inculcate
glisten	gulden	homologous	inculcation
glister	gules	hoodlum	incunabula
glitter	gulf	hoplite	indestructibility
gloaming	gulp	hornblende	individuality
gloat	halberd	horticulture	indolence
globe	halbert	hospitality	indulge
globular	halcyon	hostility	indulgence
globule	halibut	hostler	indulgent
gloom	halidome	huckleberry	infallibility
gloria (G)	halitosis	hulk	inflammation
glorification	hallelujah	hullabaloo	inflammatory
glorify	halo	humiliate	inflate
glorious	halogen	humiliation	inflation
glory	halt	humility	inflection
gloss	halyard	hyaline	inflict
glottis	hamlet	hydraulic	infliction
glove	harlequin	hydrochloric	influence
glow	harlot	hydrofluoric	influential
glower	headland	hydroxyl	influenza
glaze	health	hyperbola	inhalation
glucose	held	hyperbole	initial
glue	helicopter	hyperbolic	inkling
glum	heliograph	iconoclast	inoculate
glut	heliotope	idealize	inoculation
gluten	helium	ideology	insolence
glutinous	helm	idler	insolent
glutton	helmet	idolatry	instrumentality
glycerin	helot	ilex	insular
glycogen	help	ilium	insulate
gobbler	helter-skelter	ilk	insulation
goblet	helve	imbecility	insult
goblin	hemoglobin	imbroglio	intaglio
gold	herald	immaculate	intercalate
golf	heraldic	immaturely	interlocuter
gondola	herculean	immolate	interloper
gondolier	Mercules	implicate	interlude
gonfalon	hidalgo	implication	interpolate
gosling	hieroglyph	implicit	interpolation
grandiloquence	higgledypiggledy	implore	intolerance
granulate	highland	imply	invalid
gratulate	hilarious	impulse	invalidate
gratulation	hilarity	impulsion	invalidism
grayling	hilt	inaccessibility	inviolability
grizzled	hilum	inclement	inviolate
groundling	hireling	inclination	involucre

involution	levulose	marvelous	mistletoe
involve	liability	masculine	mobility
irrelevance	liberality	masculinity	mobilization
irritability	likelihood	materialize	mobilize
isinglass	lilac	matriculate	mochila
island	lilt	matriculation	modulate
islet	lily	maudlin	modulus
isosceles	linoleum	mausoleum	modulation
isolate	livelihood	mayoralty	molar
Italian	locality	measles	molasses
italic	localize	meddler	mold
italics	lordling	medlar	molecular
italicize	lowland	medley	molest
javelin	maelstrom	medullary	molestation
jealous	magniloquence	melee	molt
jewelry	magnolia	mellifluous	monolith
jilt	mainland	melodeon	monologue
jocular	majolica	melodic	monopolize
jocularity	malachite	melodious	moorland
jolt	maladministration	melodrama	morality
jongleur	malady	melodramatic	morphology
joyiality	malapert	melody	morphological
jubilant	malaria	melon	mortality
jubilation	malcontent	melt	motley
jubilee	malediction	mentality	moufflon
juggler	malefactor	messaline	mould
jugglery	malevolent	metabolism	moult
jugular	malfeasance	metabolic	mucilage
July	malice	meteorological	mucilaginous
julep	malicious	meteorology	muffler
kaleidoscope	malign	methylene	mulatto
kaolin	malignant	meticulous	mulberry
kelp	malignity	metropolis	mulch
kiln	maline	metropolitan	mulct
kilogram	malleability	middling	mule
kilogramme	malnutrition	midland	multicolored
kilometer	maladorous	milady	multifarious
kilowatt	malt	milch	multiform
kilt	maltreat	mild	multigraph
kindling	maltreatment	mildew	multilateral
knelt	mammalian	militant	multimillionaire
knowledge	mandolin	militarism	multiplication
kohlrabi	manifold	militarization	multiplicity
kulak	manila	military	multiply
leaflet	manipulate	militate	multitude
legality	manipulation	militia	municipality
legibility	mantelet	milk	muscular
legislate	marigold	milreis	muslin
legislation	marlinespike	mineralogy	mutability
legislature	marmalade	miraculous	mythological

mythology	occlusion	palsy	peristalsis
naphthalene	occult	palter	permeability
naphthalin	ocelot	paltry	perpendicular
napoleon (N)	ocular	pamphlet	perplex
nationality	oculist	pangolin	perplexity
nationalize	old	parabola	persiflage
naturalize	olfactory	parabolic	personality
navigability	oleander	paralysis	pestilent
nebula	oleo	paralyze	pestilence
nebulous	oligarch	paralytic	pestilential
necklace	oligarchy	paraphernalia	petroleum
necropolis	olive	parlance	petulance
neglect	omelet	parley	phalanx
negligee	onslaught	parliament	pharmacological
negligence	oolite	parliamentary	pharmacology
negligent	ophthalmia	parlor	philander
neolithic	opulence	parsley	philanthropic
nestling	oracular	partiality	philanthropy
neuralgia	oral	particular	philharmonic
neutrality	orbicular	particularity	philological
neutralization	originality	particularize	philology
neutralize	ornithological	paterfamilias	philosophic
newfangled	ornithology	pathological	philosophy
niblick	ostler	pathology	philter
nightingale	oubliette	pavilion	phlegm
nobility	outlet	peculation	phelgmatic
noblesse	overwhelm	peculiar	phlox
nomenclature	oxalic	peculiarity	phraseology
nonchalance	oxalis	peddler	phrenology
nonchalant	pabulum	pedlar	phylactery
northland	paddler	pelagic	physiological
nostalgia	palace	pelf	physiology
nuclear	palanquin	pelican	piccolo
nucleus	palatal	pelisse	pilaster
nursling	palate	pelt	pilfer
obelisk	palatial	pelvic	pilgrim (P)
oblate	palatinate	pelvis	pillage
oblation	palatine	penalize	pilot
obligate	palaver	penalty	placard
obligation	paleozoic	pendulous	placate
obligatory	paleolithic	pendulum	place
oblige	paleontology	peneplain	placenta
obliquity	palette	peninsula	placid
obliterate	palfrey	pentathlon	placidity
oblivion	palisade	perambulate	placket
obloquy	palmate	perambulation	plagiarism
obsolescent	palmetto	percolate	plagiarize
obsolete	palp	pergola	plague
obstacle	palpitate	perihelion	plaice
occlude	palpitation	perilous	plaid

plain	pleura	polygamy	proletarian
plaint	pleurisy	polyglot	prolific
plaintiff	plexus	polygon	prolix
plait	pliant	polygonal	prologue
plan	plight	polyp	prolong
plane	plinth	polyphase	prolongation
planet	plod	polysyllabic	promulgate
planetary	plop	polytechnic	promulgation
plank	plot	polytheism	prophylactic
plant	plough	polytheist	propulsion
plantain	plover	poplar	proselyte
plantation	plow	poplin	protoplasm
plaque	pluck	populace	psalmody
plash	plug	popular	psaltery
plasma	plum	popularity	psychological
plaster	plumage	popularize	psychology
plastic	plumb	populate	ptyalin
plasticity	plume	population	public
plastron	plummet	populous	publican
plat	plump	porcelain	publication
plate	plunder	portulaca	publicity
plateau	plunge	possibility	publicize
platen	plunk	postilion	publish
platform	pluperfect	postulate	puddling
platinum	plural	potentiality	pueblo
platitude	plurality	poulterer	puerility
platoon	plutocrat	poultice	pugilism
platter	plus	poultry	pulmonary
plaudit	plush	practicability	pulmotor
plausibility	pluvial	practicality	pulp
play	ply	preclude	pulpit
plaza	poilu	predilection	pulsate
plea	polar	prelacy	pulsation
plead	polarity	prelate	pulse
pleasant	polarize	prelim	pulverize
please	polemic	preliminary	punctilio
pleasure	polenta	prelude	punctuality
pleat	police	prevalence	purlieu
plebeian	policy	prevalent	purloin
plebiscite	polish (P)	primula	purplish
plebs	polite	principality	pylon
plectrum	politic	privilege	qualification
pledge	political	probability	qualify
plenary	politician	problem	qualitative
plenipotentary	polity	proclaim	quality
plenitude	polka	proclamation	querulous
plenteous	polo	proclivity	quilt
plenty	poltroon	prodigality	rambler
plethora	polyandry	profligacy	rascality
plethoric	polyclinic	profligate	rationality

ratline	replete	salt	semolina
rattler	repletion	salubrious	senility
reality	replica	salutary	sensibility
realization	reply	salutation	sensuality
realize	reptilian	salute	sentimentality
realm	republic	salvage	sepulcher
realtor	repulsion	salvation	sepulchral
recalcitrant	repulsive	salve	sepulture
reclamation	resemblance	salver	seraglio
recline	resilient	salvia	servility
recluse	resolute	salvo	settler
reconciliation	resolution	sampler	shalt
rectangular	resolve	sapling	shambles
reflect	respectability	scaffold	shaveling
reflection	resplendent	scalawag	sheldrake
reflex	responsibility	scald	shelf
refulgent	result	scalp	shelter
regalia	resultant	scalpel	shelve
regular	retaliate	scantling	shibboleth
regularity	retaliation	scapular	shield
regulate	revelation	scarlatina	shillelagh
regulation	revolution	scarlet	shoulder
rehabilitate	revolve	scholar	sibilant
rehabilitation	revulsion	scholastic	silage
relation	ribald	scholiast	silence
relative	ridiculous	sclerotic	silent
relativity	rifling	scold	silhouette
relax	ringlet	scopolamine	silica
relaxation	rivulet	scribbler	siliceous
relay	rootlet	scrofula	silicon
release	roulette	scrupulosity	silk
relegate	runlet	scrupulous	silo
relent	rustler	sculptor	silt
relevant	sacrilege	sculpture	silva
reliability	saddler	scurrilous	silver
reliance	salaam	seclude	similar
relic	salacious	seclusion	similarity
relief	salad	secular	simile
relieve	salamander	sedulous	similitude
religion	salary	seedling	simplicity
religious	saleratus	seldom	simplification
relinquish	salicylic	select	simplify
relish	salient	selection	simulate
reluctance	saline	selentium	simulation
reluctant	saliva	self	simultaneous
relume	salivary	selfish	singular
rely	salmagundi	seltzer	singularity
relate	salon	selvage	skald
replace	saloon	selves	skeleton
replenish	salsify	semblance	skilful

skulk	slop	solstice	starveling
slab	slope	solstitial	stealth
slack	slot	solubility	stele
slag	sloth	solute	sterility
slain	slouch	solution	sterilization
slake	slough	solve	sterilize
slam	sloven	solvent	sterling
slander	slow	somersault	stickler
slang	slug	somnolence	stiletto
slant	sluggard	spatula	stilt
slap	sluice	specialization	stimulate
slash	slum	specialize	stimulation
slat	slumber	spectacular	stimulus
slate	slump	speculate	stipulate
slaughter	slung	speculation	stipulation
slave	slunk	spelt	stolid
slaw	slur	spilt	stolidity
slay	slush	spindling	stolon
sleazy	slut	spirituality	straggler
sled	sly	spiritualize	strangler
sledge	smelt	splash	strangulation
sleek	smilax	splatter	streamlet
sleep	smolder	splay	stridulate
sleet	smuggler	spleen	stripling
sleeve	sociability	splendid	structural
sleigh	socialization	splendor	stultify
sleight	socialize	splenetic	stumbling
slender	sociological	splenic	stylus
slept	sociology	splice	subaltern
sleuth	solace	splint	subclavian
slow	solar	splinter	sublimate
slice	sold	split	sublimation
slick	soldier	splotch	sublime
slid	solecism	splurge	sublimity
slide	solemn	splutter	substantiality
slight	solemnity	spoliation	subtility
slim	solemnize	sprinkler	succulent
slime	solicit	sprinkling	suckling
sling	solicitation	squalid	suitability
slink	solicitously	squalor	sulfur
slip	solicitude	squelch	sulk
slipper	solid	stability	sulphate
slit	solidarity	stabilization	sulphide
slither	solidification	stabilize	sulphur
sliver	solidify	stablish	sulphureous
slob	soliloquy	stalactite	sulphureted
slobber	solitaire	stalagmite	sulphuric
sloe	solitary	stalwart	sultan
slogan	solitude	starling	sultana
sloop	solo	startling	sultry

supercilious	telephony	tubular	velocity
superficiality	telephoto	tulip	velour
superfluity	telephotograph	tumbler	velum
superfluous	telescope	tumult	velvet
superlative	telescopic	tumultuous	venality
supplant	television	turbulence	ventilate
supplement	temporality	twelfth	ventilation
suppliant	tentacular	twelve	ventriloquist
supplicate	terminology	twilight	verisimilitude
supplication	theologian	ukulele	vernacular
surplice	theological	ulcer	versatility
surplus	theology	ulcerate	vestibular
susceptibility	thraldom	ulna	victrola
swaddling	threshold	ulster	vigilance
swelter	tiddlywinks	ulterior	vilayet
swindler	tilbury	ultimate	villify
sworn	tilt	ultimatum	viola
syph	tilth	ultra	violate
sylvan	tintinnabulation	underling	violation
symbolic	titular	undulate	violence
symbolise	toddler	undulation	violent
syndicalism	toilet	undulatory	violet
syphilis	toilette	ungulate	violin
syphilitic	told	universality	violoncello
tableau	tolerance	unless	viosterol
tablet	tolerate	upholsterer	virility
tabulate	toleration	upsilon	virulence
tabulation	toluene	utilitarian	virulent
tackler	tomfoolery	utility	visibility
tailor	totality	valance	vitality
tale	tourmaline	valedictory	vocabulary
talcum	tranquility	valence	volant
talent	translate	valentine	volatility
salesman	translation	valerian	volcanic
talisman	translucent	valet	volcano
talon	tremulo	valiant	volition
tangibility	tremulous	valid	volplane
tarantula	triangular	validity	volt
tarpaulin	triangulation	valise	voltaic
tatterdemalion	tribulation	valor	volubility
technicality	tricolor	valuation	volume
technological	trifler	value	volumetric
technology	trifling	valve	voluminous
telegram	trilogy	variability	voluntary
telegraph	triplicate	varlet	volunteer
telegrapher	triviality	vascular	voluptuous
telepathic	troubles	vaseline	vulcanize
telepathy	truculent	vault	vulgar
telephone	tubercular	vehicular	vulgarity
telephonic	tuberculosis	veld	vulpine

vulture	welsh (W)	wilt	yclept
walnut	welt	windlass	yearling
walrus	welter	wold	yelp
waltz	whelk	wolf	yield
warbler	whelm	wolves	yolk
wavelet	whelp	world	youngling
weakling	whiffletree	worldling	zealot
wealth	whilom	wrangler	zealous
welch	whirligig	wrestler	zeppelin
welcome	whistler	wiggler	zoological
weld	wield	wristlet	zoology
welfare	wild	xylem	
welkin	wilder	xylophone	

27.1c l finally, alone or in clusters, as in camel ['kæməɪ], snarl [snɑɪl, snɑ:l]. For complete list of clusters, see Introduction to this section.

For complete list of words with final l in the ending al, see sections 18.1d and .20b.

abigail (A)	broil	churl	damosel
admiral	brothel	cinquefoil	deal
ail	bulbul	*citadel	detail
alcohol	bushel	civil	devil
angel	cabal	coal	dial
animal	calomel	cockerel	dismal
anneal	camel	codicil	dispel
annul	canal	coil	distil
anvil	cancel	commonweal	doggerel
apparel	caramel	compel	doggerel
appeal	caravel	conceal	dowel
April	carrousal	congeal	drawl
asphodel	carnival	consul	drivel
assail	carol (C)	control	dual
avail	carousal	cool	duel
awl	carpel	coral	earl
axil	cartel	corral	easel
bail	casual	council	eel
barrel	catarrhal	counsel	el
basil	catwaul	cowl	enamel
bawl	cathedral	crawl	enthral
benzol	cavil	creel	entresol
beryl (B)	ceil	cresol	equal
bevel	central	crewel	ethyl
bezel	cereal	cruel	evangel
boil	chancel	cudgel	evil
bowel	chisel	curl	excel
bowl	chlorophyl	curtail	expel
brawl	chloesterol	daffodil	extol

fail	instil	owl	scalpel
federal	jail	pail	school
feel	jarl	pal	scoundrel
festival	jewel	panel	scowl
fibril	jonquil	parallel	seal
final	journal	parasol	sequel
flail	jowl	parboil	several
foal	keel	parcel	shawl
foil	kneel	pastel	shekel
folderol	kraal	patrol	shoal
fool	label	Paul	shovel
foresail	lapel	peal	shrapnel
formal	laurel	pearl	shrivel
fossil	leal	peel	sibyl
foul	lentil	pencil	signal
fowl	level	peril	snail
frail	libel	personal	snarl
frijol	local	personnel	snivel
fuel	loyal	petrel	soil
fulfil	mackerel	petrol	sol
furl	mail	phenol	sorrel
gambol	mangonel	pickerel	soul
gaol	marcel	pimpernel	spaniel
gavel	marl	pistil	special
general	marvel	pommel	spoil
genteel	maul	pool	spool
ghoul	meal	prevail	sprawl
girl	merl	principal	squeal
gnarl	methyl	propel	squirrel
goal	mil	protocol	steal
gospel	minstrel	prowl	steel
gradual	mogul	*pterodactyl	stencil
gravel	moil	pummel	stool
grovel	mongrel	pupil	swirl
growl	moral	purl	swivel
gruel	mussel	quail	symbol
hail	nail	quarrel	taffrail
hansel (H)	navel	rail	tail
haul	newel	ravel	tassel
heal	nickel	real	teal
heel	nil	rebel	tendril
hostel	noel (N)	reel	timbrel
hotel	nonpareil	repel	tinsel
hovel	normal	reveal	toil
howl	nostril	rival	tonsil
hurl	novel	rondel	tool
ideal	oil	rowel	towel
impel	ordeal	sail	trail
*infidel	oriel	sal	trammel
initial	original	satchel	tranquil

travail	twirl	vigil	wheel
travel	until	viol	whirl
trawl	usual	vitriol	whorl
trefoil	utensil	vowel	wool
trial	vail	wail	yawl
trowel	veal	wassail	yowl
tumbrel	veil	weal	zeal
tumbril	vermeil	weasel	
turmoil	vessel	weevil	

27.1d l before final silent e. Final silent e does not affect the pronunciation of l as [l].

aedile	bristle	crocodile	fable
agile	bubble	crucible	facile
aiale	buckle	crumble	fallible
ale	bugle	crumple	febrile
amble	bungle	cubicle	feeble
ample	cable	curricule	female
angle	cackle	curule	ferrule
animalcule	cajole	cuticle	ferule
ankle	camisole	cycle	fickle
apostle (A)	canomile	dabble	file
apple	capsule	dale	fizzle
article	carnuncle	dangle	foible
assemble	casserole	dapple	follicle
aureole	castle	dazzle	forecastle
auricle	chasuble	debacle	fragile
automobile	chorale	dibble	freckle
axle	chronicle	dimple	frizzle
babble	chuckle	dingle	fumble
baifle	circle	disciple	fusible
bale	clavicle	dissemble	gabble
bamboozle	clientele	docile	gable
bangle	cobble	dole	gale
barnacle	cockle	domicile	gamble
bauble	cole	double	garble
beagle	commingle	draggle	gargle
bedraggle	compile	dribble	gargoyle
beguile	condole	drizzle	gemmae
bible (B)	console	eagle	giggle
bibliophile	conventicle	embezzle	globule
bicycle	coracle	ennoble	gobble
bile	corpuscle	ensemble	goggle
binnacle	couple	epistle	grackle
beggle	crackle	escarole	granule
bogle	creole (C)	example	grapple
bole	crinkle	exhale	gristle
bramble	cripple	exile	grumble

guile	muzzle	receptacle	sparkle
gunwale	nestle	reconcile	speckle
gurgle	nibble	rectangle	spectacle
guzzle	nightingale	regale	spicule
hackle	nimble	resemble	spiracle
haggle	nipple	ridicule	sprinkle
hale	noble	riffle	squabble
heckle	nodule	rifle	stable
hobble	nozzle	rigmarole	stale
hole	muzzle	rile	staple
humble	obstacle	ripple	steeple
hustle	ogle	role	stele
icicle	oracle	rubble	sterile
imbecile	oricle	ruble	stickle
indissoluble	ovule	ruffle	stifle
inhale	pale	rule	stile
inveigle	parle	rumble	stipple
isle	parole	rumple	stipule
joggle	participle	rustle	stole
jostle	particle	sable	straggle
juggle	pebble	sale	strangle
jumble	people	sample	struggle
juvenile	percale	scale	stumble
kale	periwinkle	schedule	style
knuckle	pestle	scrabble	subtile
lisle	petiole	scramble	suckle
locale	pickle	scribble	supple
male	piffle	scruple	surcingle
manacle	pile	scuffle	swale
mangle	pimple	senile	tabernacle
maple	pinnacle	servile	table
marble	plumule	sessile	tackle
mercantile	pole	shackle	tadpole
merle	prehensile	shale	tale
mickle	prickle	shingle	tangle
mile	principle	shuffle	temple
mingle	profile	sickle	tensile
miracle	puerile	siecle	tentacle
missile	pule	simple	thimble
mobile	purple	single	thistle
mole	pustule	sizzle	thole
molecule	puzzle	smile	throstle
monocle	quadrangle	smuggle	tickle
morale	quadruple	snaffle	tile
motile	quibble	sniffle	timbale
muffle	rabble	snuffle	tingle
mule	radicle	snuggle	tinkle
multiple	raffle	sole	tipple
mumble	ramble	soluble	toddle
muscle	rankle	spangle	toggle

topple	trouble	vile	whistle
tousle	truckle	virile	whole
trample	truffle	voile	wiggle
treacle	tubercle	volatile	wile
treadle	tubule	vole	wimple
treble	tumble	voluble	winkle
tremble	tussle	wabble	wobble
trestle	uncle	waffle	wimble
triangle	vacuole	waggle	wrangle
trickle	vale	wangle	wrestle
tricycle	vehicle	warble	wriggle
trifle	ventricle	whale	wrinkle
triple	vestibule	while	

27.2a ll wherever found. For words with ll in the unstressed endings ally, see section 18.1d. For words with ll in the unstressed ending fully, see section 18.4b.

all	bacillus	bull	chancellor
allay	bagatelle	bullet	chenille
allegation	ball	bulletin	chilli
allege	ballade	bullion	chill
allegiance	ballast	bullock	chilly
allegory	ballerina	bully	chinchilla
allergic	ballet	caballero	chlorophyll
allergy	ballista	call	collaborate
alleviate	balloon	calla	collaboration
alley	ballot	callous	collaborator
alliance	ballyhoo	callow	collapse
allied	bastille	callus	collar
allies	bell	camellia	collate
alligator	belladonna	canaille	collateral
alliteration	belle	cancellation	collation
allocate	belleslettres	capillarity	colleague
allot	bellicose	capillary	collect
allow	belligerence	carillon	collection
alley	bellow	castellated	collective
allude	belly	caterpillar	colleen
allure	bill (B)	cell	college
allusion	billet	cellar	collegian
alluvial	billetdoux	cello	collegiate
ally	billiards	cellophane	collide
amaryllis	billion	cellular	collie
ancillary	billow	celluloid	collier
appall	billingsgate	cellulose	collision
appellant	boll	cerebellum	collocation
appellation	bouillon	challenge	collodion
armadillo	brilliance	challie	colloid
atoll	brilliant	challis	colloidal

cello	fell	hello	llano
colloquial	fellow	hill	lollipop
colloquy	felly	hillbilly	lull
collusion	fill	hillock	lullaby
collusive	fillet	holla	mademoiselle
comptroller	fillip	holland (H)	mall
constellation	flagellation	hollo	mallard
controllable	flotilla	hollow	malleable
controller	follicle	holly	mallet
coolly	follow	hull	malleus
cordillera	folly	hullabaloo	mallow
cerella	formally	hullo	mantilla
corollary	frill	idyllic	marvellous
councillor	fulfill	ill	maxilla
counsellor	full	illegal	maxillary
cruller	fusillade	illegitimate	medallion
crystalline	gall	illicit	medulla
cull	gallant	illiterate	mellifluous
dalliance	gallantry	illumine	mellow
dally	galleon	illuminate	metallic
demoiselle	gallery	illumination	metallurgy
decollete	galley	illumine	mill
demoiselle	galliard	illusion	millennium
dill	galliot	illusive	millet
dishevelled	gallivant	illustrate	milliard
distill	gallon	illustration	milliampere
doll	galloon	illustrative	milligram
dollar	gallop	illustrious	milligramme
drill	gallows	infallibility	millimeter
driveller	gazelle	install	millimetre
droll	gill	installation	milliner
duellist	gillyflower	intellect	millinery
duello	golly	intellectual	million
dull	gorilla	intelligence	miscellaneous
dwelt	grill	intelligent	miscellany
ell	gruelling	intelligible	mollify
ellipse	guerrilla	interpellation	mollusk
elliptical	guillemot	jell	mollycoddle
embellish	guillotine	jelly	monometallism
escadrille	gull	jill (J)	mull
escallop	gullet	jollity	mullein
excellence	gullible	jolly	mullet
excellent	hall	kill	mullion
extoll	hallelujah (H)	knell	null
fall	hallo	knoll	nullification
fallacious	hallow	lamella	nullify
fallacy	hallucination	levelly	nullity
fallen	hell	libeller	oscillate
fallible	he'll	libellous	oscillation
fallow	hellebore	llama	pall

palladium	quadrille	skillet	troll
pallet	quell	skull	trolley
palliate	quill	small	trollop
palliation	quillet	smell	tulle
pallid	raillery	snell	twill
pallium	rally	spell	umbrella
pallor	rebellion	spill	unrivalled
panelling	rebellious	squall	untrammelled
papilla	recollect	stall	vacillate
papillae	recollection	stallion	vacillation
papillary	repellent	stellar	valley
parallax	reveille	still	vanilla
parallel	reveller	stroll	vaudeville
peccadillo	rill	sullen	vellum
pellagra	roll	sully	vermicelli
pellet	rollicking	surveillance	vermilion
pellmell	sallow	swallow	villa
pellucid	sally (S)	swell	village
pill	sarsaparilla	swill	villain
pillar	scallop	swollen	villein
pillion	scintilla	syllable	villi
pillory	scroll	sylogism	volley
pillow	scull	tall	vorticella
poll	scullery	tallow	wall
pollack	scullion	tally	wallet
pollard	sell	teetotaller	wallop
pollen	shall	tell	wallow
pollinate	shallop	tessellate	we'll
pollination	shallot	thallus	well
pellook	shallow	they'll	who'll
pellute	shell	thrall	wholly
pollution	she'll	thrill	will
pollywog	shellac	till	William
polysyllabic	shillelagh	toll	willow
portcullis	shilling	tonsillitis	willynilly
postillion	shoveller	towelling	woollen
propeller	shrill	tranquilly	woolly
pull	sibylline	traveller	yell
pullet	sill	trellis	yellow
punchinello	silly	trill	you'll
pusillanimity	skill	trillion	

27.2b l and ll become syllabic in unstressed syllables el, al, il, ile, yl, and le after t (except when t is silent between s and l) and after d, and n, as in antelope ['æntləup], dental ['dentl], lentil ['lentl], futile ['fjuːtl], dactyl ['dæktl], middle ['mɪdl], crystallize ['krɪstlaɪz], channel ['tʃænl].

accidental	coastal	fortalice	metalloid
accidentally	coddle	frontal	metallurgical
acetylene	coincidental	fuddle	metallurgy
aquittal	colloidal	genital	mettle
addle	colonel	gentle	middle
annal	committal	girdle	modal
annalist	congenital	governmental	model
antelope	contractile	grapnel	mollycoddle
atelier	contrapuntal	greedily	monumental
bactericidal	cornel	griddle	mortal
battle	cotyledon	handle	mortally
beetle	crystal	homicidal	motile
befuddle	crystalline	horizontal	mottle
betel	crystallize	horizontally	muddle
bimetallism	cuddle	hospital	mutilate
bodiless	curdle	hospitalization	mutilation
bodily	curtal	hostile	myrtle (M)
boodle	cuttlefish	huddle	natal
bottle	dactyl	hurdle	nautilus
bridal	dandelion	hurtle	needle
bridle	dandle	idle	nettle
brindle	darnel	idol	noncommittal
brittle	dawdle	idolize	noodle
brutal	decretal	idyl	occidental (O)
brutalize	dental	idyll	occipital
bundle	departmental	incidental	orbital
candelabrum	detrimental	incidentally	oriental (O)
candle	developmental	infidel	ornamental
cannel	devitalize	instrumental	ortolan
cantalopue	dicotyledon	intellectual	paddle
cantilever	diddle	Italy	palatal
cantle	disgruntled	kennel	pantaloon
capital	distal	kernel	parental
capitalize	distillate	kindle	parietal
capitol	distillation	kirtle	pedal
cannel	ductile	ladle	peddle
carnel	elemental	lentil	pedestal
cartel	environmental	lintel	*pendulum
cartilage	experimental	little	pentecostal
cartilaginous	fatal	mantel	pestilence
cattle	fennel	mantelet	pestilent
caudal	fertile	mantle	pestilential
centripetal	fertilization	marital	petal
chandelier	fertilize	medal	pimpernel
channel	festal	meddle	pistil
charnel	fettle	medicinal	pistol
chatelaine	feudal	medullary	pivotal
chattel	fiddle	mental	poodle
chortle	flannel	metal	portal
*citadel	fondle	metalliferous	postal

pottle	sacramental	subtle	tunnel
prattle	saddle	suicidal	turtle
predilection	sandal	supplemental	tutelage
projectile	satellite	swaddle	tutelary
pterodactyl	scandal	swindle	twaddle
puddle	scandalize	tactile	twiddle
pyramidal	scintillate	tantalize	utilization
rattle	scintillation	tantalous	utilize
readily	scuttle	tantalus	vandal
rebuttal	segmental	tattle	versatile
recital	sendal	temperamental	vestal
rectal	sentimental	tensile	victual
redolent	sentinel	textile	vital
regimental	settle	throttle	vitality
rental	shrapnel	tidal	volatile
reptile	shuttle	tiddlywinks	waddle
requital	sidle	title	wattle
retractile	skeletal	tittle	wheelde
riddle	spheroidal	toddle	whittle
rondel	spindle	total	whortleberry
roundel	spittle	totally	yodel
roundelay	startle	transcendental	
runnel	straddle	treadle	
sacerdotal	subtile	trundle	

27.3a l is silent in some monosyllables and their derivations when it occurs before m, k, f, v, and d, as in calm [kam], folk [fouk], etc.

almond	calm	holm	salve
almoner	calve	malmsey	should
alms	caulk	palm	solder
balk	chalk	palmistry	stalk
balm	could	polka	talk
balk	falcon	psalm	'twould
behalf	folk	psalmody	walk
calf	half	qualm	would
calk	halve	salmon	

27.3b l is silent in the exceptional words colonel and Lincoln.

28. THE SOUND [m]

The spellings of [m] are:

1. m wherever found, except as below.
2. mm wherever found.

Note: For other pronunciations of [m], see:

1. Silent m, section 28.3.

The distribution of [m] in English words is as follows:

A. [m] alone.

1. Initially in syllables, as in meet [mit],
famous ['ferməs].
2. Finally in syllables, as in drum [drʌm],
temple ['tempəl].

B. In phonetic clusters.

1. Initially in syllables, as in
 - a. [sm] - smack [smæk]
2. Finally in syllables, as in
 - a. [mz] - hams [hæmz]
 - b. [mp] - thump [θʌmp]
 - c. [mps] - mumps [mʌmps]
 - d. [mpf] - lymph [lɪmpf]
 - e. [mpfs] - nymphs [nɪmpfs]
 - f. [mpst] - glimpsed [glɪmpst]
 - g. [rm] - form [fɔrm, fɔəm]
 - h. [rmz] - farms [fɑrmz, fɑ:mz]
 - i. [lm] - helm [helm]
 - j. [lmz] - overwhelms [oʊvəwelms, oʊvəwelms]

Words with [m] grouped for practice as follows:

28.1a m initially before vowels in words, as in man [mæn],
amount [ə'maʊnt].

2.2h. For words with initial m in the prefix mis, see section 2.2h.

mail	maintain	majestic	majolica
maim	maintenance	majestically	major
main	maize	majesty	majority

make	mange	margarine	masquerade
malachite	manger	marge	mass
maladjustment	mangle	margin	massacre
maladministration	mango	margrave	massage
malady	mangonel	marguerite (M)	masse
malapert	mangrove	marigold	masseuse
malaria	mania	marinade	mast
malcontent	maniac	marinate	master
male	maniacal	marine	masticate
malediction	manicure	mariner	mastication
malefactor	manifest	marionette	mastiff
malevolent	manifestation	marish	mastodon
malfeasance	manifold	marital	mat
malice	manikin	maritime	matador
malicious	manila (M)	marjoram	match
malign	manioc	mark	mate
malignant	manipulate	market	mater
malignity	manipulation	marl	material
maline	manna	marlinespike	materialize
mall	mannequin	marmalade	maternal
mallard	manner	marmoreal	maternity
malleable	manoeuvre	marmoset	mathematical
mallet	manometer	marmot	mathematician
malleus	manor	maroon	mathematics
mallow	manorial	marquee	matinee
malmsey	manse	marquess	matins
malnutrition	mansion	marquis	matrimony
malodorous	mantel	marquise	matriculate
malt	mantelet	marriage	matriculation
maltreat	mantilla	married	matrix
maltreatment	mantle	marrow	matron
mama	manual	marry	matter
mauma	manufacture	marsh	mattock
mammal	manumission	marshal	mattress
mammalian	manure	marsupial	mature
mammoth	manuscript	mart	maturity
mammy	many	marten	matzoth
man	map	martial	maudlin
manacle	maple	martinet	maugre
manage	mar	martyr	maul
manchet	marabou	marvel	maunder
mandarin	maraschino	marvelous	mausoleum
mandate	marathon	Mary	mauve
mandatory	marauder	mask	maverick
mandible	marble	mascot	mavis
mandolin	marcel	masculine	maw
mandragora	march (M)	mash	mawkish
mane	marchioness	mask	maxilla
maneuver	mare	mason	maxillary
manganese	margent	masque	maxim

maximum	meek	mercurial	methane
may (M)	meerschau	mercury	methinks
maybe	meet	mercy	method
mayhap	megaphone	mere	methodical
mayhem	melancholy	meretricious	methought
mayonnaise	melee	merge	methyl
mayor	mellifluous	meridian	methylene
mayoralty	mellow	meringue	meticulous
maze	melodeon	merino	metre
me	melodic	merit	metric
mead	melodious	meritorious	metropolis
meadow	melodrama	merl	metronome
meager	melodramatic	mermaid	metropolitan
meal	melody	merry	mettle
mean	melon	mesa	mew
meander	melt	mesdames	mezzanine
meant	member	mesh	mezzotint
measles	membrane	mesmeric	miasma
measure	membranous	mesmerism	mica
meat	memento	mesquite	mice
mechanic	memoir	mess	mickle
mechanician	memorandum	message	microcosm
mechanical	memorial	messaline	microbe
mechanism	memorize	messenger	micrometer
mechanize	memory	messieurs	microorganism
medal	men	mestizo	microphone
medallion	menace	met	microscope
meddle	menagerie	metabolism	microscopic
media	mend	metabolic	mid
median	mendacity	metal	midday
mediate	mendicant	metallic	midden
mediation	menial	metalliferous	middle
medical	meningitis	metalloid	middy
medicament	meniscus	metallurgical	midge
medicate	menstruation	metallurgy	midget
medicinal	mensuration	metamorphose	midiron
medicine	mental	metamorphosis	midland
medieval	mentality	metaphor	midmost
mediocre	menthol	metaphysical	midrib
mediocrity	mention	metaphysician	midriff
meditate	mentor	metaphysics	midship
meditation	menu	metatarsal	midst
medium	mephitic	mete	midway
medlar	mercantile	metempsychosis	midwest
medley	mercenary	meteor	midwestern
medulla	mercier	meteoric	midwife
medullary	mercierize	meteorological	midwifery
medusa	merchandise	meteorology	midwinter
meed	merchant	meter	midyear

mien	minion	mitigate	molecular
might	minister	mitigation	molecule
mignon (M)	ministerial	mitt	molest
mignonette	ministration	mitten	molestation
migrant	ministry	mix	mollify
migrate	miniver	mixture	mollusk
migration	mink	mizzen	mollycoddle
migratory	minnow	moa	molt
mikado	minor	moan	moment
mil	minority	moat	momentous
milady	minster	mob	monad
milch	minstrel	mobile	monarch
mild	mint	mobility	monarchial
mildew	minuend	mobilization	monarchy
mile	minuet	mobilize	monastery
militant	minus	moccasin	monastic
militarism	minute	mochila	Monday
militarization	minx	mock	monecious
military	miracle	modal	monetary
militate	miraculous	mode	money
militia	mirage	model	monger
milk	mire	moderate	mongrel
mill	mirror	moderation	monies
millennium	mirth	modern	monism
millet	miry	modernity	monition
milliard	misanthropic	modernize	monitor
milliampere	misanthropy	modest	monk
milligram	miscellaneous	modesty	monkey
milligramme	miscellany	modicum	monochord
millimeter	mischievous	modification	monochrome
millimetre	miscreant	modify	monocle
milliner	miser	modiste	monocotyledon
millinery	miserable	modulate	monody
million	miserere	modulus	monogamy
milreis	misericord	modulation	monogram
mime	misery	modus	monograph
mimeograph	misanomer	mogul	monolith
mimic	miss	mohair	monologue
mimosa	missal	moidore	monomania
minaret	missile	moiety	monometallism
mince	mission	moil	monoplane
mind	missis	moire	monopolize
mine	mist	moist	monopoly
mineral	mister	moisten	monosyllabic
mineralogy	mistletoe	moisture	monosyllable
mingle	mistress	molar	monotheism
miniature	mite	molasses	monotheist
minimize	miter	mold	monotone
minimum		mole	monotonous

monotony	mortality	mud	mush
monoxide	mortar	muddle	music
monsieur	mortgage	muff	musical
monsignor	mortician	muffin	musician
monsoon	mortification	muffle	musk
monster	mortify	mufti	musket
monstrosity	mortise	mug	muslin
monstrous	mortuary	mugwump	muss
month	mosaic	mulatto	mussel
monument	mosque	mulberry	must
monumental	mosquito	mulch	mustache
moor	moss	mulct	mustachio
mooch	most	mule	mustang
moed	mot	mull	mustard
moon	mote	mullein	muster
moor	moth	mullet	mutable
moese	mother	mullion	mutability
moot	motif	multicolored	mutation
mop	motile	multifarious	mute
mepe	motion	multiform	mutilate
moraine	motivate	multigraph	mutilation
moral	motive	multilateral	mutiny
morale	motley	multimillionaire	mutt
morality	motor	multiple	mutter
morass	mottle	multiplication	mutton
moratorium	motto	multiplicity	mutual
morbid	moufflon	multiply	muzhik
morbidity	mould	multitude	muzzle
mordant	moult	mum	my
more	mound	mumble	mynheer
morganatic	mount	mummy	myopia
morgue	mountain	mumps	myriad
moribund	mountebank	munch	myrmidon
morion	mourn	mundane	myrrh
morn	mousse	municipal	myrtle (M)
morning	mouse	municipality	mysterious
morocco	mouth	munificent	mystery
moron	move	munition	mystic
morose	movie	mural	mystification
morphine	now	murder	mystify
morphology	m'sieur	murk	myth
morphological	much	murmur	mythical
morris (M)	mucilage	murrain	mythological
morrow	mucilaginous	muscle	mythology
morsel	muck	muscular	
mort	mucous	muse	
mortal	mucus	museum	

28,1b m in medial and final syllables, alone or in clusters, as in smoke [smouk], lamentable ['ləmentəbel], cinnamon ['sinəmen]. For complete list of clusters, see introduction to this section.

For words with m in the unstressed ending ment, see section 18.2b.

abdomen	albuminous	ambuscade	amulet
abdominal	alchemist	ambush	amuse
abominable	alchemy	ameba	amylopsin
abomination	alderman	amebic	anathema
abstemious	aldermanic	ameboid	anatomical
academie	alembic	ameer	anatomist
academician	aliment	ameliorate	anatomize
academy	alimentary	amen	anatomy
acclamation	alimony	amenable	anemia
acclimate	alkaline	amend	anemic
acclimatize	alkalinity	amenity	anemone
accompanist	almanac	amerce	animadversion
accompany	almond	America	animadvert
accomplice	almoner	amethyst	animal
accomplish	almost	amiable	animalcule
accompt	alms	amicable	animate
accumulate	altimeter	amice	animism
achromatic	aluminum	amid	animosity
acme	alumna	amidst	animus
acrimonious	alumnae	aminoacid	anomalous
acrimony	alumni	amir	anomaly
acumen	alumnus	amity	anonymity
adamant	amalgam	amnesia	anonymous
administer	amalgamate	amnesty	anthem
administration	amanuensis	among	anthropomorphic
admirable	amaranth	amongst	antimony
admiral	amaryllis	amorous	appendectomy
admiration	amateur	amorphous	approximate
admire	amatory	amortization	argument
admiringly	amaze	amortize	argumentation
admissible	amazon (A)	amount	argumentative
admission	ambassador	amour	arithmetic
admit	amber	ampere	arithmetical
admittance	ambergris	amphibian	arithmetician
admonish	ambidextrous	amphitheater	armada
admonition	ambient	amphora	armadillo
admonitory	ambiguity	ample	armament
affirmation	ambiguous	amplification	armature
affirmative	ambition	amplify	armistice
agglomerate	amble	amplitude	armlet
airman	ambrosia	amply	armor
akimbo	ambulance	amputate	armorial
albumen	ambulatory	amuck	armory

army	bemuse	camomile	chromic
aroma	besmirch	camouflage	chromium
aromatic	bigamous	camp	chrome
artilleryman	bigamy	campaign	chronometer
ashamed	bimetallism	campanula	chrysanthemum
assemble	binomial	camphor	chump
assembly	bismuth	campus	churchman
assemblyman	bitumen	caramel	cinema
assimilate	bituminous	carman	cinematograph
assimilation	blackamoor	carmine	cinnamon
asthma	blasphemous	cashmere	circumambient
asthmatic	blasphemy	cataclysmic	circumcise
astigmatism	blemish	catacomb	circumcision
astronomer	boatman	catamount	circumference
astronomical	boatmen	catechumen	circumferential
astronomy	bomb	cattelman	circumlocution
atmosphere	bombard	cavalryman	circumnavigate
atmospheric	bombast	cement	circumnavigation
atomic	bombazene	cemetery	circumpolar
atomizer	bondman	centimeter	circumscribe
atomy	boomerang	ceramic	circumscription
attempt	bowman	cerement	circumspect
augment	bowmen	ceremonial	circumspection
augmentation	brakeman	ceremony	circumstance
automatic	bramble	chairman	circumstantial
automaton	bromide	chamber	circumvent
automobile	bromine	chambray	clamber
automobilist	bumblebee	chameleon	clamor
automotive	bump	chamfer	clamorous
autonomous	bushman	chamois	clamp
autonomy	cabman	champ	clansman
autumn (A)	cadmium	champagne	clematis
autumnal	calamity	champaign	clemency
axiomatic	calamus	champion	clement
azimuth	calcimine	chapman	clergyman
badminton	calomel	charmeuse	climate
bambino	calorimeter	chemic	climatic
bamboo	calumet	chemical	climax
bamboozle	calumniate	chemise	climb
banderman	calumnious	chemist	clubman
bantam	calumny	chemistry	clump
baptismal	cambium	chessman	clumsy
bargeman	cambric	chimaera	clumsily
barman	camel	chimera	coachman
barometer	camellia	chimerical	cognomen
barometric	camelopard	chimney	columbine
baseman	cameo	chimpanzee	column
bataman	camera	chipmunk	columnar
behemoth	camion	Christmas	columnist
bellman	camisole	chromatic	coma

comatose	competitor	condemnation	crumple
comb	compilation	confirmation	culminate
combat	compile	confirmatory	cumber
combatant	complacence	conformation	cumbrous
combative	complacency	conformity	cumulative
combe	complacent	conglomerate	cumulus
combination	complain	conglomeration	customary
combine	complainant	congressman	cyclamen
combustible	complaint	consumption	cyclometer
combustion	complementary	consumptive	cymbal
comedian	complete	contaminate	daemon
comedienne	completion	contamination	dairyman
comedy	complex	contemn	damask
comfit	complexion	contemplate	damn
comestible	complexity	contemplation	damnable
comet	compliance	contemplative	damnation
comfort	compliant	contemporaneous	damned
comic	complicate	contemporary	damoiselle
coming	complication	contempt	damo sel
comity	complicity	contemptuous	damp
commemorate	complimentary	contumacious	dampen
commemoration	comply	contumacy	damsel
committeeman	component	contumely	damson
compact	comport	cormorant	December
companion	compose	cosmetic	decemvir
companionate	composite	cosmic	decimal
company	composition	cosmogony	decimate
comparable	composer	cosmopolitan	decimeter
comparative	compost	cosmos	declamation
compare	composure	costermonger	declamatory
comparison	compote	costumier	decompose
compass	compound	councilman	decompound
compassion	comprehend	countermand	defamation
compassionate	comprehensible	countryman	defamatory
compatibility	comprehension	coxcomb	demagogue
compatible	comprehensive	craftsman	demand
compatriot	compress	cramp	demarcation
compeer	compression	cremate	demeanor
compel	comprise	cremation	demented
compendious	compromise	crime	dementia
compendium	compulsion	criminal	demerit
compensate	compulsive	criminality	demesne
compensation	compulsory	criminate	demigod
compensatory	compunction	criminologist	demi john
compete	computation	criminology	demilitarize
competence	compute	crimp	demise
competency	comrade	crimson	democracy
competent	conciseness	crumb	democrat
competition	concomitant	crumble	democratize
competitive	condemn	crumpet	demoiselle

demolish	dogma	effeminate	emergence
demolition	dogmatic	electrometer	emeritus
demon	dogmatism	eleemosynary	emery
demoniac	dogmatize	elementary	emetic
demonology	doldrums	eliminate	emigrant
demonstrable	dolomite	elimination	emigrate
demonstrate	domain	emaciate	emigration
demonstration	domestic	emaciation	eminence
demonstrative	domesticate	emanate	eminent
demonstrator	domestication	emanation	emir
demoralization	domesticity	emancipate	emissary
demoralize	domicile	emancipation	emission
demote	domiciliary	emasculate	emit
demotic	dominance	embalm	emotion
demur	dominate	embalmer	emperor
demure	domination	embank	emphasis
denominate	domine	embarcation	emphasize
denomination	domineer	embargo	emphatic
departmental	dominion	embark	empire
dermatologist	domino	embarrass	empiric
dermis	doorman	embassage	employ
determinable	dormant	embassy	employe
determinate	dormer	embattle	emporium
determination	dormitory	embed	empower
determine	draftsman	embellish	empress
detrimental	drama	ember	emprise
developmental	dramatic	embezzle	empty
diameter	dramatization	embitter	empurpled
diametrical	dramatize	emblazon	empyreal
diamond	draughtsman	emblazonry	empyrean
dimension	drayman	emblem	emulate
diminish	dreamt	emblematic	emulation
diminuendo	dromedary	embody	emulsification
diminution	drumlin	embolden	emulsify
diminutive	dulcimer	embolish	emulsion
dimity	dumb	embosem	enamel
dimple	dumdum	emboss	enamor
diploma	dumfound	embower	encomium
diplomat	dumbfound	embrace	encumber
discomfit	dump	embrasure	endemic
discomfiture	duodecimo	embroider	enema
discriminate	duralumin	embroil	enemy
discrimination	dynamic	embrown	enigma
disembarkation	dynamite	embryo	enigmatic
dismal	dynamo	embryology	enmity
dissemble	economic	embryonic	enormity
disseminate	economist	emendation	enormous
dissemination	economize	emerald	ensemble
dissimulation	economy	emerge	entomological

entomology	fermentation	germane	hemoglobin
enumerate	ferryman	Germany	hemorrhage
enumeration	fireman	germicide	hemp
environmental	firman	germinate	henchman
ephemeral	fisherman	germination	herdsman
epidemic	fishmonger	gerrymander	hermaphrodite
epidermis	flagman	gimlet	hermetically
epistemology	flambeau	gimp	hermit
epithalamium	flamboyant	glamour	hexameter
epitome	flamingo	glamorous	highwayman
epitomize	flimsy	gleeman	hippopotamus
equanimity	foeman	glimpse	homage
eremite	foment	gloaming	hombre
ermine	fomentation	gnomon	homeopathic
estimable	footman	goodman	homicide
estimate	foraminifera	gormandizer	homily
estimation	foreman	gossamer	hominy
etymological	formal	gourmand	homo
etymology	formaldehyde	governmental	homogeneous
euphemism	formalin	gramecy	homologous
examination	formality	gramophone	hormone
examine	formation	grimace	horseman
example	former	grimalkin	human
exclamation	formic	grumble	humanitarian
exclamatory	formidable	grumpy	humanity
exemplar	formula	guardsman	humanize
exemplary	formulate	guillemot	humble
exemplification	formulation	gumbo	humerus
exemplify	freedman	gumption	humid
exempt	freeman	gunman	humidity
exemption	freshman	gymnasium	humidor
exhumation	frontiersman	gymnast	humiliate
experimental	frump	hamper	humiliation
experimentation	fulminate	handicraftsman	humility
extemporaneous	fumble	hangman	humor
extempore	fumigate	harmonic	hump
extemporize	fumigation	harmonious	humph
extremity	fundamental	harmonize	humus
facsimile	galvanometer	harmony	huntsman
familiar	gamble	harumscarum	husbandman
familiarity	gambol	headman	hydrometer
familiarize	gamin	headsman	hygrometer
family	gamut	hecetomb	hymen
famine	gastronomy	hegemony	hymeneal
famish	generalissimo	helmet	hymenoptera
famous	gentleman	helmsman	hymn
female	geometric	hematite	hypodermic
feminine	geometry	hemisphere	iambic
femur	german (G)	hemispherical	ichneumon

idiomatic	impugn	kinsman	madman
ignominious	impulsion	lachrymal	magnanimity
ignominy	impunity	lama	magnanimous
ignoramus	imputation	lamb	majordomo
illegitimacy	impute	lambent	malmsey
illuminate	incriminate	lamella	mama
illumination	incumbent	lament	manometer
illumine	incumber	lamentable	marksman
image	indemnification	lamina	marmoreal
imagination	indemnify	lamine	marmoset
imagine	indemnity	lamination	marmot
imago	indomitable	lamp	mathematical
imam	infamous	lampoon	mathematician
imbecile	infamy	lamprey	mathematics
imbecility	infinitesimal	landsman	matrimony
imbibe	infirmary	laundryman	maximum
imbricate	infirmity	layman	member
imbroglia	information	legitimate	membrane
imbrue	informative	leguminous	membranous
imbue	inimical	leman	memento
imitate	inimitable	lemon	memoir
imitation	innumerable	lemur	memorandum
imp	insomnia	liegeman	memorial
impeccable	instrumental	limb	memorize
impede	intermediary	limber	memory
impel	intermediate	limbo	merchantman
impend	interminable	limerick	mesdames
imperative	intermit	limit	mesmeric
imperial	intermittent	limitation	mesmerism
imperious	intimacy	limn	metamorphose
impervious	intimate	limousine	metamorphosis
impetuosity	intimation	limp	metempsychosis
impetuous	intimidate	lineman	miasma
impetus	irremediable	litmus	micrometer
impinge	isometric	llama	midshipman
implacable	isothermal	locomotion	militiaman
implement	isthmian	locomotive	mimeograph
implicate	isthmus	logarithmic	mimic
implication	jamb	lumbago	mimosa
implicit	jambe	lumber	minimize
implore	James	lumbar	minimum
impotence	jasmine	lumberman	misnomer
impoverish	jessamine	luminary	mizzenmast
imprecation	journeyman	luminosity	momentous
impregnable	jumble	luminous	monogamy
impregnate	jumbo	lump	monumental
impression	jump	lymph	mortormen
impressive	juryman	lymphatic	mugwump
impromptu	kilometer	macaroon	mumble
improvise	kimono	mademoiselle	mumps

murmur	ornamentation	pikeman	primer
myrmidon	osmosis	pimento	primeval
necromancy	osmotic	pimp	primitive
nemesis	ottoman	pimpernel	primogeniture
nimble	pajamas	pimple	primordial
nimbus	palmate	pismire	primula
nincompoop	palmetto	plainsman	prismatic
nobleman	palmistry	plasma	privateersman
nomad	pampas	plowman	proclamation
nomadic	pamper	plumage	prominent
nomenclature	pamphlet	plumb	promiscuous
nominal	panama (P)	plump	promiscuity
nominate	pandemonium	plumule	promise
nomination	panorama	pneumatic	promissory
nominative	pantomimic	pneumonia	promontory
nominee	paramount	polemic	promote
normal	paramour	polenta	promotion
November	parliamentary	policeman	prompt
numb	parsimonious	polygamy	promulgate
number	parsimony	pomade	promulgation
numeral	passementerie	pomatum	pronunciamento
numerator	paterfamilias	pomegranate	protoplasmic
numerical	patrimony	pomp	proximate
numerous	patrolman	pompadour	proximity
numismatics	pellmell	pompon	psalmody
numskull	penman	pompon	ptarmigan
nurseryman	pentameter	pomposity	ptomaine
nutmegs	perambulate	portmanteau	pulmonary
nymph	perambulation	posthumous	puma
oarsman	peremptory	postman	pumice
omega	performance	postmortem	pump
omelet	perimeter	pragmatic	pumpkin
omen	permanence	predicament	pusillanimity
ominous	permanent	preemption	pusillanimous
omission	permanganate	preempt	pygmy
omit	permeate	preliminary	pyramid
omnibus	permissible	premature	pyramidal
omnipotence	permission	premier	quagmire
omnipotent	permissive	premise	ramble
omnipresence	permit	premium	ramekin
omnipresent	permutation	premonition	ramification
omniscience	pessimism	premonitory	ramify
omniscient	pessimist	pressman	ramp
omnivorous	phantasmagoria	presumably	rampant
ophthalmia	pharmacy	presumption	rampart
optimism	phenomena	presumptuous	ranchman
optimist	phlegmatic	primacy	reclamation
optimistic	physiognomy	primarily	recompense
optimum	pianissimo	primary	recrimination
ornamental	pigmy	primate	recumbent

redemption	rumpus	sempstress	smock
reformation	sacramental	sentimental	smoke
reformatory	salamander	September	smolder
regimen	salesman	sermon	smooth
regimentation	salmagundi	sesame	smote
remain	salmon	shambles	smother
remand	samara	shampoo	smudge
remark	samite	sheepman	smug
remarkable	sampan	shipman	smuggle
remedial	samphire	shopman	smut
remedy	sample	showman	solemn
remember	samurai	shrimp	solemnity
remembrance	sanctimonious	sigma	solemnize
remind	scamp	simian	soma
reminisce	schematic	similar	somber
reminiscence	schismatic	similarity	sombrero
remit	schoolman	simile	somersault
remittance	scimitar	similitude	somnolence
remnant	scopolamine	simony	sophomore
remonetize	scramble	simoon	spasmodic
remonstrance	scrimp	simp	spearman
remonstrate	seaman	simper	specimen
remorse	seamen	simple	speedometer
remote	seamstress	simplicity	spermatozoon
remunerate	sedimentary	simplification	spirometer
remuneration	seedsman	simplify	spokesman
reprimand	segmentation	simply	sportsman
resemblance	segmental	simulate	squeamish
resemble	seismic	simulation	stableman
resume	selectman	simultaneous	stalagmite
resumption	semaphore	skip	stamen
rheumatic	semblance	skirmish	stamina
rhythmic	semester	slumber	staminate
rifleman	semiannual	slump	stamp
rigmarole	semiarid	smack	stampede
romaine	semicircle	small	statesman
romance	semicircular	smart	steersman
romantic	semicolon	smash	stigma
romaunt	semiconscious	smattering	stigmatic
roman (R)	semifinal	smear	stigmatize
romp	semilunar	smell	stimulate
rudimentary	seminal	smelt	stimulation
rumba	seminary	smilax	stimulus
rumble	semiofficial	smile	stockman
ruminate	semiprecious	smirk	stoma
rumination	semitone	smite	stomach
rumor	semitropical	smit	stomata
rump	semolina	smith (S)	strumpet
rumple	sempiternal	smithereens	stumble

stump	temper	tomb	ultramontane
sublimate	tempera	tomfoolery	umber
sublimation	temperamental	tomorrow	umbra
sublimity	temperance	tomtom	umbrage
submerge	temperate	torment	umbrageous
submission	temperature	tourmaline	umbrella
submit	tempest	townsman	umpire
succumb	tempestuous	trachoma	unanimity
sumac	temple	tradesman	unanimous
sumpter	tempo	trainman	unbecoming
sumptuous	temporal	tramp	unkempt
supernumerary	temporary	trample	vamp
supremacy	temporize	transmissible	vampire
surmise	temptation	transmission	varmint
swamp	termagant	transmit	vehemence
switchman	terminal	tremble	verisimilitude
swordsmen	terminate	tremendous	vermeil
sycamore	termination	tremolo	vermicelli
symbol	terminology	tremor	vermiform
symbolic	terminus	tremulous	vermillion
symbolise	termite	trencherman	vermin
sympathetic	terrafirma	tribesman	vermouth
sympathize	testimony	trigonometry	vestryman
sympathy	thermal	trimeter	vitamin
symphonic	thermoelectric	triumph	vitamine
symphony	thermometer	triumphal	volumetric
symposium	thermos	triumphant	voluminous
sympptom	thermostat	triumvir	vomit
symptomatic	thimble	trombone	wampum
synonymous	Thomas	trump	warmth
systematic	thumb	trumpet	watchman
systemic	thump	tumble	waterman
salesman	thymus	tumbrel	whimper
talisman	timbale	tumid	whimsy
tamarind	timber	tumor	wimple
tambourine	timbre	tumult	woman
tamoshanter	timbrel	tumultuous	womb
tamp	timid	turmoil	women
tamper	timidity	tympanic	woodman
tatterdemalion	timorous	tympanum	wimble
taxonomy	tomahawk	ultimate	workman
temerity	tomato	ultimatum	yeoman

28.1c m finally, alone or in clusters, as in dam [dæm], helm [helm]. For other clusters, see the introduction to this section.

For a complete list of words with m in ism, see section 2.2f.

abysm	calcium	diaphragm	gleam
acclaim	calm	diatom	gloom
accustom	cam	dictum	glum
affirm	cambium	dim	graham (G)
aim	candelabrum	doom	gram
alarm	carborundum	drachm	grandam
alarum	carom	dram	grim
album	cataclysm	dream	groom
alum	centigram	drum	gum
aluminum	cerebellum	dukedom	gym
alyssum	cerebrum	dumdum	gymnasium
am	cerium	earldom	gypsum
amalgam	charm	echinoderm	hakim
ammonium	chasm	ectoderm	ham
aneurysm	cherubim	effluvium	hansom
annum	chloroform	electrum	harem
apothegm	chromium	elm	harm
aquarium	chrysanthemum	elysium	harumscarum
arm	chum	em	heathendom
asphaltum	claim	emblem	helium
asylum	clam	emporium	helm
atheneum	coliseum (C)	encomium	hem
atom	commend	endosperm	herbarium
atrium	confirm	enthusiasm	hilum
auditorium	conform	epigram	him
axiom	conundrum	epithalamium	hokum
bacterium	corm	epithelium	holm
balm	corundum	equilibrium	hoodlum
balsam	cram	esteem	hum
barium	cranium	eulogium	idiom
beam	cream	exam	ilium
bedlam	cruciform	exclaim	I'm
begun	cuneiform	exordium	imam
beldam	curriculum	factotum	infinite
besom	custom	farm	interim
bloom	dam	fathom	interregnum
blossom	datum	film	isotherm
boom	decigram	firm	item
boredom	decorum	flotsam	jam
bosom	deem	foam	jetsam
bottom	deform	form	Jim
bream	deformation	forum	kilogram
brim	delirium	freedom	kingdom
brougham	delphinium	from	laburnum
buckram	denim	fulcrum	laudanum
bum	desideratum	gem	linoleum
buxom	determinism	geranium	loam
cadmium	diadem	germ	logarithm
caecum	diagram	gingham	loom

lyceum	paroxysm	residuum	stratagem
ma'am	passim	rheum	stratum
macadam	paynim	rhodium	stream
madam	pendulum	rhythm	strum
maelstrom	perform	rim	sum
magnesium	pericardium	roam	swam
magnum	petroleum	room	swarm
maim	phantasm	rostrum	swim
majoram	phantom	rum	swum
martyrdom	phlegm	sachem	symposium
mausoleum	pilgrim (P)	salaam	symptom
maxim	platform	sanatorium	synonym
maximum	platinum	sanctum	system
mayhem	plectrum	sanitarium	talcum
medium	plum	sarcasm	tam
meerschau	poem	schism	tandem
memorandum	pomatum	seram	tantrum
memoriam	pompom	scream	team
microcosm	possum	serim	tedium
millennium	postmortem	scum	teem
minimum	potassium	seam	telegram
modicum	prelim	sedum	tellurium
momentum	premium	seem	term
monogram	prim	seldom	them
moratorium	princedom	selenium	theorem
mum	prism	septum	thralldom
museum	problem	seraphim	thrum
nasturtium	proclaim	serfdom	tomtom
nephridium	proem	serum	totem
nizam	program	sham	totemism
norm	prom	shim	tram
nostrum	protoplasm	simoom	transom
oakum	psalm	skim	trim
odium	pseudonym	slam	tympanum
ohm	qualm	slim	ultimatum
opium	quantum	slum	uniform
opossum	quondam	sorghum	uranium
opprobrium	quorum	sodium	vacuum
optimum	radium	spasm	vanadium
overwhelm	ram	spectrum	vellum
ovum	random	speculum	velum
pabulum	ransom	sperm	venom
pachyderm	realm	sputum	verbatim
palladium	ream	squirm	viaticum
pallium	rectum	stadium	victim
palm	redeem	steam	vim
pandemonium	referendum	stem	wampum
paradigm	reform	sternum	warm
parallelogram	requiem	storm	whelm

whilom
whim
whom

wigwam
William
wisdom

worm
xylem
yam

zoom

28.1d m before final silent e. Final silent e has no effect on the pronunciation of m as [m].

academe	dime	irksome	Rome
airdrome	dome	lame	same
assume	enzyme	legume	scheme
awesome	exhume	lime	shame
became	extreme	loathsome	slime
become	fame	lonesome	some
beldame	fearsome	madame	spume
blame	flame	maritime	sublime
blaspheme	flume	meddlesome	supreme
blithesome	foursome	metronome	tame
bothersome	frame	mime	theme
burdensome	frolicsome	name	thyme
came	fulsome	noisome	time
centime	fume	pantomime	tiresome
chime	game	pastime	toilsome
chrome	gamesome	perfume	tome
chromosome	gendarme	plume	toothsome
clime	gladsome	pome	trireme
come	gnome	presume	troublesome
consume	grandame	prime	twosome
costume	grime	quarrelsome	venturesome
creme	gruesome	raceme	volume
crime	hame	regime	wearisome
cumbersome	handsome	relume	welcome
cyme	hippodrome	resume	wholesome
dame	home	rhyme	winsome
darksome	illuminate	rime	

28.2 nn wherever found, as in dummy ['dʌmɪ].

accommodate	comma	commentator	commisssure
ammonia	command	commerce	commit
ammoniac	commandant	commercial	committal
ammonite	commandeer	commercialize	committee
ammunition	commemorate	commingle	commode
asymmetrical	commemoration	commiserate	commodious
asymmetry	commence	commiseration	commodity
backgammon	commendation	commissar	commodore
centigramme	commensurate	commissariat	common
chummy	comment	commissary	commonalty
clammy	commentary	commission	commonweal

commotion	emmet	immolation	pommel
communal	epigrammatic	immune	recommend
commune	gamma	immunity	recommendation
communicable	gammon	immunize	rummage
communicant	gemmule	immure	rummy
communicate	glimmer	immutable	scrimmage
communication	grammar	incommensurable	shammer
communicative	grammarian	inflammable	shimmer
communion	grammatical	inflammation	shimming
communiqué	gramme	inflammatory	simmer
communism	gummy	Jimmy (J)	skimmer
communist	hammer	kilogramme	stammer
communistic	hammock	mamma	summa
community	hummock	mammal	summarize
commutation	immaculate	mammalian	summary
commutator	immediacy	mammoth	summation
commute	immediate	mammy	summer (S)
consomme	immense	mummer	summit
consummate	immerse	mummy	summon
consummation	immersion	noncommittal	swimmer
decigramme	immigrant	penmican	symmetrical
diagrammatic	immigrate	persimmon	symmetry
dilemma	immigration	plummet	trammel
drummer	imminent	pommel	trimmer
dummy	immolate	programme	untrimmed

28.3 m is silent before pt in the French loan-words accompt and comptroller.

m is sometimes silent in pumpkin.

29. THE SOUND [n]

The spellings of [n] are:

1. n wherever found, except as below.
2. nn wherever found.

Note: For other pronunciations of n, see:

1. n before [k] or [g] when it becomes [ŋ], section 30.
2. Silent n, section 29.3.

The distribution of [n] in English words is as follows:

A. [n] alone.

1. Initially in syllables, as in neck [nek], bonus [bəʊnəs].
2. Finally in syllables, as in can [kæn], bounty [baʊnti].

B. In phonetic clusters.

1. Initially in syllables, as in
 - a. [sn] - snow [snəʊ].
2. Finally in syllables, as in
 - a. [nz] - runs [rʌnz]
 - b. [nts] - pants [pænts]
 - c. [nt] - mint [mɪnt]
 - d. [nd] - hand [hænd]
 - e. [ndz] - minds [maɪndz]
 - f. [ntə] - tenth [tentə]
 - g. [ntəs] - tenths [tentəs]
 - h. [ntst] - fenced [fentst]
 - i. [nt] - bench [bentʃ]
 - j. [rn] - barn [bɑ:n]
 - k. [rnz] - barns [bɑ:nz]

Words with [n] grouped for practice as follows:

29.1a n initially before vowels in words, as in noise [nɔɪz].

nab	nail	nankeen	napkin
nabob	nainsook	nap	napoleon (N)
nadir	naive	nape	narcissus
nag	naked	napery	narcotic
naiad	name	naphtha	

nard	neropolis	neurosis	noble
mares	necrosis	neurotic	noblesse
narrate	nectar	neuter	nobody
narration	nectareous	neutral	nocturnal
narrative	nectarine	neutrality	nocturne
narrow	nee	neutralize	nod
nasal	need	never	node
nascent	needle	new	nodule
nasturtium	nefarious	newel	noel (N)
nasty	negate	newt	noggin
natal	negation	next	noise
nation	negative	nibble	noisome
national	neglect	niblick	nomad
nationality	negligee	nice	nomadic
nationalize	negligence	niche	nomenclature
native	negligent	nick (N)	nominal
nativity	negligible	nickel	nominate
natron	negotiable	nicotine	nomination
natty	negotiate	niece	nominative
natural	negotiation	nifty	nominee
naturalize	Negress	niggard	non
nature	Negro	nigger	nonage
naught	negus	nigh	nonce
nausea	neigh	night	nonchalance
nauseate	neibnbor	nightingale	nonchalant
nauseous	neither	nil	noncombatant
nautical	nemesis	nimble	noncommissioned
nautilus	neolithic	nimbus	noncommittal
naval	neon	nincompoop	nonconductor
nave	neophyte	nine	nonconformist
navel	nepenthe	ninny	nonconformity
navigability	nephew	ninth	nondescript
navigate	nephridium	nip	none
navigation	nephritis	nipple	nonentity
navy	nepotism	nirvana	nonessential
navvy	nercid	niter	nonexistence
nay	nerve	nit	nonexistent
neap	nervous	nitrate	nonmetallic
near	nervure	nitric	nonpareil
neat	nescience	nitrogen	nonpartisan
neath	nest	nitrification	nonpartizan
nebula	nestle	nitrogenous	nonpayment
nebulous	net	nitroglycerin	nonplus
necessary	nether	nitrous	nonresident
necessitate	nettle	nitwit	nonsense
necessity	neuralgia	nix	nonunion
neck	neurasthenia	nizam	noodle
necklace	neurasthenic	no	nook
neckerchief	neuritis	nob	noon
necromancy	neuron	nobility	noose

nor	notify	nubbin	numerical
norm	notion	nuclear	numerous
normal	notoriety	nucleus	numismatics
north	notorious	nude	numskull
nose	notre	nudge	nun
nostril	nought	nudity	nuncio
nostalgia	noun	nugatory	nuptial
nostrum	nourish	nugget	nurse
not	novel	nuisance	nursery
notable	November	null	nurture
notary	novice	nullification	nut
notation	novitiate	nullify	nutrient
notch	now	nullity	nutriment
note	nowadays	numb	nutrition
nothing	noxious	number	nutritive
notice	nozzle	numeral	nuzzle
notification	nuance	numerator	nymph

29.1b n in medial and final syllables, alone or in clusters, as in ranch [ræntʃ], anemic [ə'nimik]. For complete list of clusters, see introduction to this section. For silent n, see section 29.3.

For n in the prefixes un and in, see section 10.2b and 2.2b. For n in the suffixes ness and ment, see sections 18.19b and 18.2b respectively. For words ending in ance, ant, in which n is not syllabic, see section 18.1e.

abandon	aconite	affinity	alumnus
abandoned	acquaint	against	amanuensis
abdominal	acrimonious	agency	amaranth
abnegation	acrimony	agent	amaranthine
abnormality	actinic	aggrandize	ambient
abominable	adamant	agnostic	ambulance
abomination	adenoids	agonize	amenable
aborigines	administer	agony	amend
absence	administration	albinism	amenity
absent	admonish	albino	aminoacid
absentee	admonition	albuminous	ammonia
abscond	admonitory	aldermanic	ammoniac
abstention	advance	alimentary	ammonite
acanthus	advantage	alimony	ammonium
accent	advantageous	almanac	ammunition
accentuate	advent	almond	amnesia
accidental	adventitious	almoner	amnesty
accompanist	adventure	alternate	amount
accompany	aeronaut	alternative	anachronism
account	aeroplane	alumina	anaconda
acetanilid	affectionate	aluminae	anaemia
acne	affiance	alumni	anaemic

anal	anomalous	antitoxin	astronomy
analgesia	anomaly	antitrust	asunder
analogous	anonymity	antler	atheneum
analogy	anonymous	antonym	atheneum
analysis	another	anus	Atlantic
analyst	answer	anvil	attaint
analytic	ant	any	attend
analyze	antagonism	apanage	attention
anarch	antagonize	appanage	attentive
anarchist	antartic	append	attenuate
anathema	ante	appendectomy	attorney
anatomical	antecedent	appendicitis	auctioneer
anatomist	antechamber	appendix	audience
anatomy	antedate	appoint	augment
ancestor	antediluvian	apprehend	augmentation
ancestry	antelope	apprehension	aunt
anchovy	antenna	apprehensive	authentic
ancient	anterior	apprentice	authenticate
ancillary	anteroom	appurtenance	authenticity
and	anthem	arachnid	autonomous
andiron	anther	arena	autonomy
anecdote	anthology	are 'nt	avaunt
anemia	anthracite	argent	avenge
anemic	anthrax	argon	avenue
anemone	anthropoid	argumentation	awning
anent	anthropological	argumentative	bacchanal
aneroid	anthropology	arnica	bacchanalian
anesthesia	anthropomorphic	arrange	bacchante
anesthetic	anti	arsenal	badminton
anesthetist	antibody	arsenate	balance
aneurism	antic	arsenic	balcony
angel	anticipate	arsenical	ballerina
angelic	anticipatory	arsenious	bambino
angina	anticlimax	arson	banal
angiosperm	antics	artilleryman	banality
animadversion	antidote	ascend	banana
animadvert	antilogarithm	ascension	band
animal	antimony	ascent	bandanna
animalcule	antipathy	askance	bandeau
animate	antiphonal	assassinate	banderman
animism	antipodes	assassination	bandit
animosity	antiquarian	assent	banditti
animus	antiquated	assignat	bandoleer
anise	antique	assignation	bandy
aniseed	antiquity	astonish	banish
announce	antiseptic	astound	banjo
annunciation	antislavery	astrigent	banshee
anode	antisocial	astronomer	bantam
anoint	antithesis	astronomical	banter

bantling	blunder	cancellation	cartilaginous
banyan	blunt	cancer	casino
baritone	bonafide	candelabrum	castanets
barnacle	bonanza	candid	catamount
baronet	bonbon	candidacy	catnip
barnoial	bond	candidate	cement
bassinet	bonfire	candidature	cenotaph
bastinado	bonus	candied	censer
bayonet	bony	candle	ensor
begonia	bounce	candor	ensorious
behind	bound	candy	census
bench	boundary	canister	cent
bend	bounteous	canoe	centaur
beneath	bountiful	canon	centavo
benedicite	bounty	canonical	centenarian
benedict	branch	canonization	centenary
benefactress	brand	canonize	centennial
benefactor	brandish	canopy	center
benefice	brandy	canst	centigrade
beneficence	brant	cant	centigram
beneficent	brigand	can't	centime
beneficial	brilliancy	cantaloupe	centimeter
beneficiary	brindle	cantankerous	centipede
benefit	briny	cantata	central
benevolence	bronze	canteen	centralization
benevolent	brunet	canter	centralize
benighted	brunt	cantilever	centre
benign	buccaneer	cattle	centrifugal
benignant	bunch	canto	centripetal
benignity	bundle	canton	centurion
benison	bunion	cantonal	century
bent	bunt	canvas	ceremonial
benzoate	buoyancy	canyon	ceremonious
benzoin	buoyant	carabineer	ceremony
benzol	burnoose	caravansary	chaffinch
besprent	byandby	carbonate	chalcedony
beyond	cabinet	carbonic	challenge
binary	calcimine	carboniferous	chance
bind	calendar	carbonize	chancel
binocular	calumniate	carborundum	chancellor
binomial	calumnious	carcanet	chancery
bituminous	calumny	carnage	chandelier
blanch	campanula	carnal	chandler
bland	canaille	carnation	change
blarney	canal	carnelian	chanson
blatant	canalize	carnival	chant
blench	canape	carnivorous	chanticleer
blend	canard	carpenter	chantry
blind	canary	carpentry	chapel
blond	cancel	carteblanche	charnel

chatelaine	coincide	complimentary	crony
chaunt	coincidental	compound	croon
chenille	colander	comprehend	crunch
chestnut	colonel	comprehensible	crystalline
chicanery	colonial	comprehension	cuisine
chiffonette	colonist	comprehensive	culinary
chiffonier	colonization	cony	culminate
chimney	colonize	coriander	cuneiform
chimpanzee	colony	cornea	currant
china (C)	columnar	corner	currency
chinch	columnist	cornel	current
chinchilla	combination	cornet	cutaneous
chintz	combine	cornice	cyanide
chronic	command	cornucopia	cyanogen
chronicle	commandeer	corona	cyclone
chronological	commence	coronal	cyclonic
chronology	commend	coronation	cygnet
chronometer	commendation	coroner	cylinder
chrysanthemum	commensurate	coronet	cylindrical
cinch	comment	correspond	cynsure
cinchona	commentary	corundum	cynic
cinder	commentator	cosmogony	cynicism
cinema	commonalty	couchant	czarina
cinematograph	commonweal	council	dachshund
circumferential	communal	counsel	dainty
circumstance	communicable	count	dairyman
circumstantial	communicant	countenance	dalliance
circumvent	communicate	counterfeit	damnable
clarinet	communication	countermand	damnation
clarionet	communicative	counterpane	dance
cleanly	communion	countrified	dandelion
cleanse	communiqué	country	dander
clemency	communism	county	dandle
clench	communist	coventry	dandruff
client	communistic	cranberry	dandy
clinch	community	crane	danger
clinic	companion	cranial	dangerous
cochineal	companionable	cranium	daunt
cockney	companionate	credentials	davenport
coconut	company	crepedechine	debenture
coeducational	compendious	crescent	debonair
coextensive	compendium	crescendo	debutante
cogency	compensate	criminal	decant
cognac	compensation	criminality	decency
cognate	compensatory	criminate	decent
cognition	competency	criminologist	declension
cognizance	complacency	criminology	declination
cognizant	complaint	cringe	decline
cognomen	complementary	crinoline	decompound

defend	determinable	distant	elimination
defence	determinate	distend	emanate
defense	determination	distension	emanation
deferential	detonate	distention	emancipate
deficiency	detonation	diurnal	emancipation
definite	detrimental	dividend	embryonic
definition	developmental	divination	emendation
definitive	dextrin	divinity	emergency
degeneracy	diagnose	doctrinaire	enable
degenerate	diagnosis	doctrinal	enact
degeneration	diagnostic	does 'nt	enamel
delineate	diagnostician	dominate	enamored
delineation	diagonal	domination	encamp
delphinium	diamond	domine	encase
demand	diaphanous	domineer	encaustic
demeanor	diatonic	dominion	enchain
demented	dickens	domino	enchant
dementia	dictionary	donate	enchase
demoniac	differential	donation	encircle
demonology	differentiate	donative	enclose
demonstrable	differentiation	donjon	enclosure
demonstrate	dignify	donor	encomium
demonstration	dignitary	don't	encompass
demonstrative	dignity	drench	encounter
denial	dilettante	dunce	encourage
denim	dimension	dungeon	encroach
denizen	diminish	dwindle	encrest
denominate	diminuendo	dynamic	encumber
denomination	diminution	dynamite	encyclical
denounce	diminutive	dynamo	encyclopedia
dense	dinette	dynast	encyst
density	dingy	dynasty	end
dent	dinosaur	dysentery	endanger
dental	dint	earnest	endear
dentifrice	disciplinary	ebony	endeavor
dentist	disconsolate	eccentric	endemic
dentition	discrepancy	eccentricity	endive
denudation	discriminate	echinda	endorse
denunciation	discrimination	echinoderm	endosperm
deny	disgruntled	economic	endothelial
departmental	disintegrate	economist	endow
depend	disintegration	economize	endue
descant	dispensary	economy	endure
descend	dispensation	effeminacy	enema
descent	dispense	effeminate	enemy
designate	disseminate	efficiency	energetic
designation	dissemination	effrontery	energize
despond	dissension	elementary	energy
destination	dissent	elephant	enervate
destiny	dissentient	elephantine	enfeeble
detention	distance	eliminate	enfilade

enfold	enteric	essence	extravaganza
enforce	enterprise	essential	faint
enfranchise	entertain	estrangle	famine
engage	enthrall	eternal	fanatic
engender	enthuse	eternity	fancy
engineer	enthusiasm	ethnic	fandango
England	enthusiastic	ethnical	fane
engraft	entice	ethnological	fantastic
engrave	entire	ethnology	fantasy
engross	entitle	eugenic	farina
engulf	entity	eunuch	fascinate
enhance	entomb	euphony	fascination
enigma	entomological	evangel	fauna
enigmatic	entomology	evangelical	fecund
enjoin	entourage	evangelist	fecundity
enjoy	entrails	evening	feint
enjoyable	entrain	event	feline
enkindle	entrance	eventual	felonious
enlarge	entrap	eventuate	felony
enlighten	entreat	evince	feminine
enlist	entreaty	examination	fence
enliven	entree	examine	fend
enmesh	entrench	exchange	fermentation
enmity	entrepreneur	exeunt	fervent
ennoble	entresol	exigency	fiance
enormity	entrust	exonerate	fiancee
enormous	entry	expand	fiend
enough	enumerate	expanse	figurine
enquire	enumeration	expansion	final
enquiry	enunciate	expansive	finale
enrage	enunciation	expediency	finality
enrapt	envelop	expend	finance
enrapture	envelope	expenditure	financial
enrich	envenom	expense	financier
enroll	enviable	expensive	finch
ensample	envirous	experimental	find
ensanguine	environ	experimentation	finesse
ensconce	environmental	explanation	finial
ensemble	envisage	explanatory	finicky
enshroud	envoy	expound	finis
ensign	envy	expunge	finish
ensilage	enwrap	extant	finite
enslave	enzyme	extemporaneous	finnanhaddie
ensnare	equanimity	extend	flagrant
ensue	equine	extension	flange
ensure	equinoctial	extensive	flaunt
entablature	equinox	extent	flinch
entail	errand	extenuate	flint
entangle	erroneous	extenuation	flippancy
entente	espionage	external	flounce
enter	esplanade	extraneous	flounder

fluency	galvanic	germinate	guano
fluorine	galvanism	germination	guarantee
foment	galvanize	gerrymander	guernsey
fomentation	galvanometer	gerund	guinea
fond	gender	giant	gunwale
fondle	gantlet	gigantic	gymnasium
font	gardener	ginger	gymnast
foraminifera	gardenia	glance	hacienda
forensic	garner	gland	hackney
forfend	garnet	glandular	halfpence
fornication	garnish	glint	hallucination
fortunate	garniture	glutinous	hand
found	gastronomy	glycerine	handicap
foundation	gaunt	gnarl	handicraft
fount	gendarme	gnash	handiwork
fountain	gender	gnat	handle
fourteen	genealogical	gnaw	hansom
France	genealogy	gneiss	hansel
franchise	genera	gnome	harbinger
frankincense	general	gnomon	harmonic
frantic	generality	gonad	harmonious
fraternal	generalization	gondola	harmonize
fraternity	generalize	gondolier	harmony
fraternize	generate	gonfalon	has'tnt
French	generation	gormandizer	haunch
frenzied	generic	gourmand	haunt
frenzy	generosity	governmental	haven
frequency	generous	governor	have'nt
friend	genesis	granary	hegemony
fringe	genetic	grand	heinous
frond	genial	grandam	hence
front	genie	grandame	henchman
frontier	genital	grandee	Henry
frontispiece	genitive	grandeur	hernia
fulminate	genius	grandiloquence	hesitancy
fund	genre	grandiloquent	heterogeneous
fundamental	gens	grandiose	hexagonal
funeral	gent	grange	hibernate
funerary	genteel	granite	hibernation
funereal	gentian	grant	hind
fungi	gentile	granulate	hinder
furnace	gentility	granule	hindmost
furnish	gentle	grapnel	hinge
furniture	gently	grenade	hint
gainst	genuflection	grenadier	histrionic
galena	genuine	grind	holland (H)
gallant	genus	ground	hominy
gallantry	geranium	grunt	homogeneous
gallivant	Germany	guanaco	honest

honey	impedimenta	indignation	instantaneous
honor	impend	indignity	instinct
honorary	impersonate	indoctrinate	instrumental
horizontal	impersonation	indolence	insurance
hornblende	impinge	indolent	insurgent
hornet	importunate	inductance	intangible
hound	importunity	induction	intelligence
humanitarian	impregnable	indulgence	intelligent
humanity	impregnate	indulgent	intelligentsia
humanize	impregnation	infancy	intend
hunch	impunity	infant	intendant
hundred	inalienable	infanticide	intense
hunt	inanition	infantile	intensification
hurricane	inanity	infantine	intensify
husband	incandescence	infantry	intensive
hyacinth	incandescent	inference	intent
hyaline	incantation	inferential	intention
hydrangea	incarnadine	inferno	interference
hydrant	incarnate	infinite	interminable
hydrocyanic	incendiary	infinitesimal	intermittent
hyena	incense	infinitive	intern
hygienic	incentive	infinity	internal
hygienist	incessant	influence	interregnum
hymeneal	inch	influential	intervention
hymenoptera	incidence	influenza	intestinal
hymnal	incident	informant	intonation
hypnosis	incidental	ingenious	intoxicant
hypnotic	incinerate	ingenuity	intrinsic
hypnotism	incipient	ingenuous	inundate
hypnotize	inclination	ingredient	invent
hypochondriac	incognito	inherent	inventory
iehneumon	incommensurable	inheritance	iodine
identical	incommunicable	innocence	ionic
identification	increment	innocent	ironic
identify	incriminate	innuendo	ironical
idiosyncrasy	incumbent	insensate	irony
igneous	incumber	insignia	island
ignite	incumbrance	insignificance	isogonic
ignition	incunabula	insignificant	is'nt
ignominious	indemnification	insinuate	itinerancy
ignominy	indemnify	insinuation	itinerary
ignoramus	indemnity	insistence	jacinth
ignore	indentation	insistent	jackanapes
iguana	indenture	insolence	janitor
illuminate	index	insolent	janissary
illumination	Indian	insolvent	janizary
imagination	indigence	insomnia	January
immense	indigenous	insouciance	japonica
immunity	indigent	instance	jaundice
immunize	indignant	instant	jaunt

jinricksha	knowable	lingerie	malignity
jinrikisha	knowledge	linoleum	manacle
jitney	known	linotype	manage
jocund	knuckle	linseed	manchet
joint	laburnum	linsey	mandarin
jointure	labyrinth	lint	mandate
jounce	laconic	lintel	mandatory
journal	lacuna	llano	mandible
journey	lament	loganberry	mandolin
journeyman	lamentable	London	mandragora
junior	lamina	longevity	maneuver
juniper	laminated	longitude	manganese
junta	lamination	longitudinal	mange
junto	lance	lorgnette	manger
juryman	lancet	lounge	mangonel
juvenile	lanceolate	lozenge	mania
kernel	land	luminary	maniac
kidnap	landau	luminosity	maniacal
kidney	lantern	luminous	manicure
kimono	larceny	lunacy	manifest
kind	Latin	lunar	manifestation
kindergarten	launch	lunatic	manifold
kindergartener	launder	lunch	manikin
kindle	laundry	lunge	manila (M)
kindling	lavender	lynch	manioc
kindred	leant	lynx	manipulate
kine	legend	macaroni	manipulation
kinetic	leguminous	machination	manoeuvre
kinsfolk	lend	machinery	manometer
kinsman	leniency	macintosh	manor
knack	lenient	mackinaw	manorial
knapsack	lenity	maenad	manse
knave	lens	Magdalen	mansion
knead	lent	magenta	mantel
knee	lenten	magnanimity	mantelet
kneel	lentil	magnanimous	mantilla
knell	leonine	magnate	mantle
knelt	liana	magnesia	manual
knew	licence	magnesium	manufacture
knickerbocker	licentious	magnet	manumission
knickknack	lieutenancy	magnetic	manure
knife	lightning	magnetize	manuscript
knight	lignite	magneto	many
knit	limousine	magnific	maraschino
knives	linchpin	magnify	marinade
knob	linden	magnitude	marinate
knock	lineage	magnolia	mariner
knoll	lineal	magnum	marionette
knot	linear	mahogany	marlinespike
know	linen	maintain	masculinity

maternal	minimize	monolith	ninth
maternity	minimum	monologue	nirvana
matinee	minion	monomania	nitrogenous
matins	minister	monometallism	nitroglycerine
matrimony	ministerial	monopolize	nocturnal
maunder	ministration	monopoly	nomenclature
may 'nt	ministry	monosyllabic	nominal
meander	miniver (M)	monosyllable	nominate
meant	minor	monotheism	nomination
mechanic	minority	monotheist	nominative
mechanician	minster	monotonous	nominee
mechanical	minstrel	monotony	nonage
mechanism	mint	monoxide	nonce
mechanize	minuendo	monsignor (M)	nonchalance
medicinal	minuet	monsoon	nonchalant
melancholy	minus	monster	noncommissioned
membranous	minute	monstrosity	noncommittal
memorandum	misanthropic	monstrous	nonconductor
menace	misanthropy	month	nonconformist
menagerie	miscellaneous	monumental	nonconformity
mend	miscellany	morganatic	nondescript
mendacity	miscreant	moribund	nonentity
menial	misnomer	morning	nonessential
meningitis	modernity	mound	nonmetallic
meniscus	modernize	mount	nonpareil
menstruation	momentous	mountain	nonpartisan
mensuration	monad	mountebank	nonpartizan
mental	monarch	mucilaginous	nonplus
mentality	monarchial	multitudinous	nonsense
menthol	monarchy	munch	nonsensical
mention	monastery	municipal	nonunion
mentor	monastic	municipality	nuance
menu	Monday	munificence	nuncio
mercantile	monecious	munificent	obnoxious
mercenary	monetary	munition	obscenity
merchandise	money	muster	obstinacy
merino	mongrel	mutiny	obstinate
messenger	monies	mynheer	occidental (O)
metronome	monism	nainsook	occupancy
mignon	monition	nankeen	oceanic
mignonette	monitor	nascent	octogenarian
milliner	monochord	national	offend
millinery	monochrome	nationality	offense
minaret	monocle	nationalize	oleander
mince	monocotyledon	necromancy	ominous
mind	monody	nepenthe	omnibus
mineral	monogamy	neurasthenia	omniscience
mineralogy	monogram	neurasthenic	omniscient
miniature	monograph	nincompoop	omnivorous

once	paramount	penury	plaintiff
onerous	paraphernalia	peony	planet
onion	parent	percent	planetary
only	parental	peregrination	plant
onslaught	parenthesis	peregrine	plantain
onus	parenthetical	peritoneal	plantation
onyx	parishioner	peritonitis	plenary
opinion	parliamentary	permanganate	plenipotentiary
opportune	parsimonious	pernicious	plenitude
opportunity	parsimony	perpendicular	plenteous
orange	parsnip	personality	plenty
organdy	partner	personate	pliancy
organic	parvenu	personification	plinth
organize	passementerie	personify	plunder
oriental (O)	passenger	pestilential	plunge
orientation	passionate	petunia	pneumatic
original	paternal	phantasm	pneumonia
originality	paternity	phantasy	poignancy
originate	pathogenic	phantom	point
ornamental	patrimonial	pharyngeal	pollinate
ornamentation	patrimony	phenol	pollination
ornate	patronize	phenomena	polyandry
ornery	paunch	philander	pomegranate
ornithological	paynim	philanthropic	poncho
ornithology	pecuniary	philanthropy	pond
ostensible	pedantic	phoenix	ponder
ostentation	penal	phonetic	ponderous
ounce	penalize	phonograph	pongee
padrone	penalty	phony	poniard
pageant	penates	phrenology	pontiff
paint	pence	physiognomy	pontifical
palanquin	pencil	pianissimo	pontoon
paleontology	pendulous	pianist	pony
panacea	pendulum	piano	porcupine
panama (P)	peneplain	pickaninny	pornography
pandemonium	penetrate	picnic	porringer
pander	penetration	pimento	portend
panegyric	peninsula	pimpernel	portent
panel	penitential	pinafore	portmanteau
panic	penitentiary	pincers	potential
panoply	pension	pinch	potentiality
panorama	pensive	pinion	pounce
pansy	pent	pinon	pound
pant	pentagon	pint	practitioner
pantaloon	pentagonal	pioneer	prance
pantheon	pentameter	piquancy	prebendary
panther	pentathlon	piquant	precedency
pantomime	pentecostal (P)	placenta	precentor
pantry	penurious	plaint	predestinate

preferential	pugnacious	refrangible	revenue
pregnancy	pugnacity	regency	reverend
prehensile	pulmonary	regimentation	reverential
prehension	punch	reinforce	reynard
preliminary	punchinello	reinstate	rhinestone
premonition	pungency	rejuvenate	rhino
premonitory	punish	rejuvenation	rhinoceros
prentice	punitive	relent	rhododendron
presentation	punt	relevancy	ribband
presidency	puny	remand	rind
presidential	puritanical	remind	rinse
pretend	pusillanimity	reminisce	romaine
pretense	pusillanimous	remonetize	romance
pretension	quaint	remunerate	romantic
pretentious	quandary	remuneration	romaunt
prevent	quantitative	renal	rondeau
prevention	quantity	rend	rondel
primogeniture	quantum	rendezvous	rondo
prince	quarantine	rendition	rotund
princess	quaternary	renegade	rotunda
principal	quench	renew	round
principality	quince	renounce	rudimentary
principle	quinsy	renovate	ruminate
print	quint	renovation	rumination
procrastinate	quintet	renown	runic
procrastination	quondam	rent	runt
procreant	rabbinical	renunciation	saccharine
profanation	ranch	repent	sacramental
profane	rancid	replension	saint
profanity	random	reprehend	salamander
proficiency	range	reprehensible	salmagundi
profundity	ransom	represent	sanatorium
progenitor	rant	representation	sanctimonious
progeny	ratio-cination	reprimand	sand
pronosticate	recalcitrant	rescind	sandal
promenade	recant	resent	sandwich
promontory	recantation	residential	snaguary
pronoun	recent	resignation	sanitarium
pronounce	recognition	resiliency	sanitary
pronunciamento	recognize	resonator	sanitation
pronunciation	recommend	resound	sanity
propaganda	recompense	respond	sans
propensity	reconcile	response	saponification
protagonist	reconciliation	responsibility	sardonic
provender	recondite	restaurant	satanic
providential	recrimination	retention	saunter
province	redound	retina	savant
provincial	redundancy	retinue	scandal
prudential	referendum	revenge	scandalize

seant	sensuous	snarl	sponsor
scarlatina	sent	snatch	spontaneity
scavenger	sententious	sneak	spontaneous
scenario	sentimental	sneer	sporangia
scenic	sentinel	sneeze	sprint
scent	sentry	snell	squander
sechooner	serenade	snicker	squint
science	serenity	sniff	stagnate
scientific	serpentine	sniffle	stagnation
scintilla	seventeen	snigger	stamina
scintillate	seventy	snip	staminate
seance	sextant	snipe	stance
seoundrel	shan't	snitch	stanch
serawny	shantung	snivel	stanchion
scrivener	shanty	snob	stand
seance	shent	snoop	standard
scintillation	shortening	snooze	standardize
second	shrapnel	snore	stanhope
sedimentary	shunt	snort	stanza
segmentation	signal	snout	staunch
segmental	signature	snow	steenbok
seigneur	signification	snub	stench
selenium	signify	snuff	stencil
seminal	signor	snuffle	stenographer
seminary	signorina	snug	stenographic
semolina	simony	snuggle	stentorian
sempiternal	simultaneous	solemnity	sternum
sendal	since	solemnize	stingy
senate	sincere	solvency	stint
senator	sincerity	sonata	stipend
senatorial	sinecure	sonorous	stockinet
send	sinew	soprano	strand
seneschal	singe	sound	strange
senile	sinister	souvenir	stranger
senility	sinuous	spaniel	strenuous
senior	sinus	spanish (S)	strychnin
seniority	sixpence	spencer (S)	stunt
senor	slander	spend	stupendous
senora	slant	spent	submergence
senorita	slatternly	spinach	subordinate
sensation	slender	spindle	subordination
sense	smithereens	spinet	subpoena
sensibility	snack	splendid	subserviency
sensible	snaffle	splendor	substantial
sensitive	snag	splenetic	substantive
sensitivity	snail	splenic	subterranean
sensitize	snake	splint	subterraneous
sensory	snap	splinter	subtrahend
sensual	snare	sponge	subvention

sufficiency	tantamount	terminus	transitory
sultana	tantrum	testamentary	translate
sundae	tarantula	testimony	translation
Sunday	tarnish	thence	transmigration
sunder	tarpaulin	theogony	transmissible
sundry	taunt	thousand	transmission
sunkist	tawny	threepence	transmit
superintend	taxonomy	thunder	transmutation
superintendency	technic	tinder	transmute
supernal	technical	tinge	transoceanic
supernumerary	technician	tinsel	transom
supplant	technique	tint	transpacific
surrender	technocracy	tintinnabulation	transparency
surround	technocrat	tiny	transpiration
suspend	technological	titanic	transpire
suspense	technology	toluene	transplant
suspension	teens	tonic	transplantation
sweetening	teeny	tonight	transport
swindle	telephonic	tonsil	transportation
swound	telephony	tonsure	transpose
sycophant	temperamental	torment	transposition
syenite	tempt	tornado	transubstantiation
symphonic	tenable	tourmaline	transverse
symphony	tenacious	tourney	tremendous
synagogue	tenacity	tourniquet	trench
synchronize	tenancy	trance	trencher
syndic	tend	transact	trend
syndicalism	tendency	transaction	tribunal
syndicate	tender	transatlantic	tribunate
synod	tendinous	transcent	trigonometrical
synonym	tendon	transcendental	trigonometry
synonymous	tendrill	transcontinental	trinity
synopsis	tenet	transcribe	trounce
syntax	tenon	transcript	truncheon
synthesis	tenor	transcription	trundle
synthetic	tense	transept	tuna
syringe	tensile	transfer	tundra
syrix	tension	transfiguration	tunic
tabernacle	tent	transfigure	tuppence
taint	tentacle	transfix	turnip
talent	tentacular	transform	turpentine
tamarind	tentative	transformation	twenty
tamoshanter	tenuity	transformer	twinge
tandem	tenuous	transfuse	twopence
tangential	tenure	transfusion	tympanic
tangibility	termagant	transgress	tympanum
tangible	terminal	transgression	ulna
tantalize	terminate	tranship	unanimity
tantalous	termination	transit	unanimous
tantalus	terminology	transition	uncanny

uncouth	vaccinate	ventrice	wand
under	vaccination	ventriloquist	wander
undulate	vaccine	venture	wane
undulation	vagabond	veranda	want
unguent	vagina	verbena	wanton
unicellular	vagrancy	vernacular	warrant
unicorn	vandal	vernal	was 'nt
uniform	vanadium	vernier	Wednesday
unify	vanilla	veterinary	wench
union	vanish	viand	wend
unique	vanity	vicinity	went
unison	vantage	vicuna	weren't
unit	varmint	vigilante	whence
unite	varnish	vindicate	willynilly
unity	vaunt	vindication	wince
univalve	venal	vindictive	winch
universal	vend	vinegar	wind
universe	vendetta	vineyard	window
university	vendor	vinous	winter
unkempt	veneer	vintage	wized
until	venerate	vintner	wonder
upholsterer	veneration	Virginia	wont
upon	venereal	virginity	won't
uproarious	venery	viscount	wound
uranium	venial	volcanic	wrench
urbane	venison	volcano	xanthous
urbanity	venom	voluminous	yonder
urgency	venous	voluntary	zany
urinal	vent	volunteer	zenana
utensil	ventilate	vulcanize	zenith
utilitarian	ventilation	vulnerable	
vacancy	ventral	walnut	

29.1c n finally (except when silent or when syllabic after t or d), alone or in clusters, as in fan [fæn], corn [kɔ:n]. For complete list of clusters, see introduction to this section. For silent n, see section 29.3.

For words with n in the ending tion, see sections 18.3c, 2.2e, and 12.2b.

abandon	adorn	albumen	an
abdomen	aeolian	albumin	andiron
abstain	aeon	alien	anon
acorn	again	align	antediluvian
acumen	aggression	amen	antiquarian
adjoin	agrarian	American	appertain
adjourn	aileron	amylopsin	apron

archon	benign	cairn	chicken
arithmetician	benison	caisson	chieftain
arraign	benzoin	caldron	chiffon
artesian	between	camion	chilblain
artisan	bin	campaign	children
ascertain	birchen	can	chin
ashen	bison	cannikin	chinquapin
aspen	bittern	cannon	chirurgeon
aspirin	bitumen	canon	chiton
assassin	blacken	canteen	chosen
assemblyman	blazon	canton	christen
assign	boatman	canyon	christian
astrakhan	boatmen	caparison	churchman
attain	boatswain	capon	churn
auburn	bobbin	capstan	cinnamon
authoritarian	bodkin	captain	cistern
automaton	bonbon	caravan	citizen
baboon	bondman	carbon	citron
bacchanalian	boon	cardigan	civilian
backgammon	born	careen	clan
bacon	boron	carillon	clansman
bairn	bos'n	carman	clarion
balbriggan	Boston	carnelian	clean
balloon	bosun	cartoon	clergyman
ban	bouillon	casein	cleven
banderman	bounden	catechumen	clown
banyan	bourne	catkin	clubman
barbarian	bowman	cattleman	coachman
barbican	bowmen	cauldron	coarsen
bargeman	bracken	cavalryman	cocain
barman	brain	cavern	cockswain
barn	brakeman	celluloid	cocoon
baron	bran	centenarian	codlin
barren	brawn	centurion	coffin
baseman	brazen	cerulean	cognomen
basin	brethren	chagrin	coign
bassoon	broken	chain	coin
baton	brown	chairman	colleen
batrachian	bruin	chamberlain	collegian
batsman	buffoon	chameleon	collegiate
beacon	bumpkin	champaign	colon
bean	bun	champion	colophon
beckon	burn	chaperon	comedian
bedizen	burthen	chaplain	committeeman
beechen	bushman	chapman	common
been	buskin	charlatan	comparison
began	button	chasten	compendium
begin	cabin	cheapen	complain
begun	cabman	chessman	concern
bellman	caffein	chevron	condign

congressman	discern	falchion	gelatin
conjoin	disciplinarian	falcon	gentian
consign	disdain	fallen	gentleman
constrain	distain	fan	german (G)
contain	divan	fasten	gherkin
coon	dizen	faun	gibbon
corn	dobbin	fawn	gin
councilman	dolphin	feign	given
countryman	domain	felon	glean
coupon	don	fen	gleeman
courtesan	donjon	fern	glen
cousin	doorman	ferryman	glisten
coxswain	doubloon	festoon	glycerin
craftsman	down	fibrin	glycogen
craven	dozen	fifteen	gnomon
crayon	draftsman	fin	goblin
creuton	dragon	fireman	golden
crow	dragoon	firman	gonfalon
crustacean	drain	fisherman	goodman
culverin	draughtsman	flagman	govern
custodian	drawn	flagon	gown
cyanogen	drayman	flamen	grain
cyclamen	driven	flaxen	grammarian
daemon	drown	florin	graven
dampen	drumlin	flown	green
damson	drunken	foeman	griffin
Dan	dudgeon	footman	grimalkin
dandelion	dun	foreign	grin
darken	dungeon	foreman	groan
darn	duralumin	forlorn	groin
dauphin	earn	formalin	grown
dawn	earthen	forsaken	gryphon
deacon	eastern	franklin (F)	guardian
deaden	ebon	freedman	guardsman
deafen	echelon	freeman	gudgeon
dean	eighteen	freshen	gun
deepen	electrician	freshman	gunman
deign	electron	frontiersman	habergeon
delicatessen	eleven	frown	halcyon
demi-john	elfin	frozen	halogen
demon	empyrean	fun	handicraftsman
den	enliven	fustian	hangman
denizen	ensign	gain	happen
design	entertain	galleon	harken
detain	epicurean	gallon	harlequin
diapason	equestrian	galloon	harpoon
dietician	escutcheon	gamin	harridan
dietitian	even	gammon	hasten
din	explain	ganglion	headman
diocesan	fain	garrison	headsman

hearken	khan	lumberman	motorman
heathen	kiln	luncheon	moufflon
heaven	kin	macaroon	mountain
helmsman	kitchen	madman	mourn
hemoglobin	known	magician	muffin
hempen	lagoon	main	mullein
hen	lain	maintain	mullen
henchman	lambkin	malign	murrain
herculean	lampoon	mammalian	musician
herdsman	landsman	man	muslin
heroin	lantern	mandarin	myrmidon
heron	lateen	mandolin	nankeen
hewn	latitudinarian	manikin	naphthalin
hexagon	laundryman	mannequin	napkin
highwayman	lawn	mannikin	napoleon (N)
historian	layman	marathon	natron
horizon	lean	margin	neon
horn	learn	marksman	neuron
horseman	leathern	maroon	nineteen
human	leaven	marten	nitrogen
humanitarian	leghorn	martin	nobleman
hunter	leman	mason	noggin
husbandman	lemon	mastodon	non
hydrogen	lengthen	mathematician	noon
hydrozoan	lenten	matron	northern
hymen	lessen	maudlin	noun
hyperborean	lesson	mechanician	nubbin
hyphen	leviathan	median	nun
ichneumon	lexicon	melon	nurseryman
icon	liaison	men	oaken
impugn	librarian	merchantman	oarsman
in	lichen	meridian	obsidian
indian (I)	liegeman	midshipman	obstetrician
intern	lien	mien	obtain
ion	likens	mignon	ocean
iron	Lincoln	militiaman	octagon
isthmian	linden	misshapen	octogenarian
Italian	lineman	mizzen	often
jargon	linen	moan	olden
javelin	lion	moccasin	omen
Jean	listen	modern	on
jerkin	liven	moisten	open
John	loan	molten	optician
join	logician	monsoon	orangutan
kaolin	loin	moon	ordain
keelson	London	morion	organ
keen	loon	morn	origin
ken	loosen	moron	orison
kern	lorn	mortician	orphan

ortolan	pigeon	puncheon	ruin
ottoman	pikeman	purloin	run
ovarian	pin	pylon	Russian
oven	pinon	python	sacristan
own	pipkin	quatrain	saffron
oxen	pippin	quean	salesman
oxygen	piston	queen	salmon
paeon	plain	quicken	salon
pagan	plainsman	raccoon	saloon
pain	plan	rain	sampan
palankeen	plankton	raisin	sanitarian
palanquin	plantain	ramekin	sateen
pan	plastron	ramequin	satin
pangolin	platen	ran	saurian
pannikin	platoon	ranchman	scan
pantaloon	plebeian	ratlin	schoolman
pantheon	ploughman	rattan	scorn
paraffin	plowman	raven	scorpion
paragon	poison	rayon	screen
parliamentarian	policeman	reason	scullion
parson	politician	reckon	scutcheon
partaken	pollen	redan	seaman
partisan	poltroon	refrain	seamen
pastern	polygon	regain	season
patrician	pompon	regimen	scion
patrolman	pontoon	reign	sectarian
patron	poplin	rein	sedan
patroon	porcelain	remain	seedsman
pattern	postern	rennin	seen
pawn	postman	renown	selectman
pecan	praetorian	reptilian	sen
pectin	prawn	resign	sequin
pedestrian	preen	resin	sermon
pelican	Presbyterian	restrain	seven
pemmican	pressman	retain	seventeen
pen	prison	return	sexton
penep lain	privateersman	rhetorician	shaken
penguin	profound	rhododendron	sharpen
penman	proletarian	ribbon	shaven
pennon	pronoun	rifleman	sheen
pentagon	protein	ripen	sheepman
pentathlon	protozoan	risen	shin
peon	proven	riven	shipman
pepsin	ptarmigan	roan	shogun
perihelion	ptomain	robin	shoon
persimmon	ptyalin	roman (R)	shopman
person	publican	rosin	shorn
pertain	puffin	roughen	showman
phenomenon	pumpkin	rowan	shown
physician	pun	ruffian	shriven

shrunk	stamen	talon	tureen
shun	stanchion	tan	turn
sicken	statesman	tannin	twain
sign	statistician	tarn	twin
silicon	steapsin	tarragon	tycoon
silken	stearin	tatterdemalion	typhoon
silvan	steersman	tavern	unicorn
simian	stein	technician	union
simoon	stentorian	ten	unison
simpleton	stern	tendon	upon
sin	stiffen	tenon	upsilon
singleton	stockman	tern	urban
siphon	stolen	terrain	urchin
siren	stolon	terrapin	urn
sixteen	strain	tertian	utopian
skein	strengthen	than	vain
skin	strewn	thegn	valerian
slacken	stricken	then	van
slain	striven	theologian	vegetarian
slogan	stubborn	thicken	vein
sloven	stun	thin	velveteen
soften	surgeon	thirteen	venison
sojourn	subaltern	thorn	vermillion
son	subclavian	thrown	vermin
soon	suborn	tiffin	vestryman
southern	subterranean	tin	veteran
sovereign	suburban	toboggan	veterinarian
soveran	suffragan	toesin	villain
sown	sullen	token	villein
Spain	sultan	ton	violin
span	summon	torn	virgin
spavin	sun	toughen	vitamin
spawn	sunken	town	vixen
spearman	surgeon	townsman	von
specimen	sustain	toxin	wagon
spermatozoon	suzerain	tradesman	wain
spin	swain	tragedian	wainscot
spittoon	swan	train	waken
spleen	switchman	trainmen	wan
spoken	swollen	treason	warn
spokesman	swoln	trencherman	Warren
spoon	swoon	tribesman	Washington
sportsman	swordsmen	trillion	watchman
sprain	sworn	truncheon	waterman
spun	sylvan	trunnion	waxen
spurn	taciturn	trypsin	weaken
squadron	tactician	tuberculin	wean
stableman	taken	tun	weapon
stain	talesman	tungsten	ween
stallion	talisman	turban	welkin

wen	women	woven	yeoman
western	won	wren	you
when	woodman	yarn	zeppelin
widgeon	woolen	yawn	zircon
win	workman	yearn	
woman	worn	yen	

29.1d n before final silent e. The final silent e does not affect the sound of n as [n].

acetylene	chicane	dyne	incarnadine
adamantine	chine	eglantine	incline
aeroplane	chlorine	elephantine	infantine
aline	cisalpine	endocrine	interne
alkaline	clandestine	engine	internecine
alone	cocaine	equine	intervene
alpine	cologne	ermine	intestine
amaranthine	columbine	ethylene	intone
aniline	combine	examine	iodine
anodyne	commune	famine	jane (J)
anthracene	concubine	fane	jasmine
aquiline	condone	feline	jeune
asinine	cone	feminine	jessamine
attune	confine	figurine	June
bane	contravene	fine	kaoline
baritone	convene	fluorine	kerosene
bene	cosine	foregone	kine
benzene	counterpane	fortune	labyrinthine
bombazene	crane	gabardine	lacustrine
bone	crepedechine	gangrene	lane
borne	crinoline	gasoline	latrine
bourne	crone	genuine	leonine
bovine	crystalline	germane	liane
brigantine	cuisine	glycerine	libertine
brilliantine	cyclone	gone	limousine
brine	decline	guillotine	line
bromine	demesne	heroine	lone
caffeine	dentine	hone	lucerne
calcimine	destine	hormone	lune
calcine	determine	humane	lupine
cane	dextrine	hurricane	machine
canine	dine	hyaline	magazine
carbine	discipline	hygiene	maline
carmine	divine	illumine	mane
celandine	doctrine	imagine	margarine
cellophane	done	immune	marine
champagne	drone	importune	masculine
chaperone	dune	inane	medicine

membrane	phosgene	sauterne	trephine
messaline	pine	scene	tribune
methane	plane	scone	tricotine
methylene	pone	scopolamine	trine
mezzanine	porcupine	seine (S)	trombone
mine	postpone	serene	tune
monotone	pristine	serpentine	turbine
moraine	profane	shine	turpentine
morphine	prone	shone	twine
mundane	prune	shrine	ultramontane
naphthalene	ptomaine	sibylline	urbane
nectarine	quarantine	sine	urine
nicotine	quinine	spine	uterine
nine	rapine	strychnine	vaccine
nitroglycerine	ratline	supervene	valentine (V)
nocturne	ravine	supine	vane
none	recline	swine	vaseline
obscene	refine	syne	vine
opaline	rhinestone	tambourine	bitamine
opine	romaine	tangerine	volplane
opportune	routine	telephone	vulpine
ozone	rune	thane	wane
palatine	saccharine	thine	whine
pane	saline	throne	wine
pantomine	sane	toluene	wolverine
paraffine	sanguine	tone	woodbine
peregrine	sardine	tourmaline	zone
phone	saturnine	travertine	

29.1e [n] occurs in unstressed syllables after t or d when (1) it follows immediately after a syllable containing a stressed vowel, as in broaden ['brɒdn], and (2) when the preceding syllable ends with rt or rd, as in carton ['kɑrtɒn, 'kɑ:tp], burden ['bɜdn, 'bɜdp].

accordance	blatant	chalcedony	croton
accordant	botanist	chiton	curtain
adenoids	botanize	concatenation	deaden
admittance	botany	concordance	decadence
antecedent	boutonniere	concordant	decadent
appurtenance	brighten	coordinate	dicotyledon
ardent	broaden	coordination	didn't
avoidance	burden	cordon	discordance
batten	cadence	cotton	discordant
beaten	cardinal	cotyledon	disputant
bidden	carton	couldn't	eaten
bitten	certain	credence	extraordinary

fatten	laudanum	pedant	shorten
flatten	leaden	pertinacious	shortening
frighten	lighten	pertinacity	shouldn't
garden	litany	pertinent	smitten
gardener	longitudinal	phaeton	sodden
gelatinous	madden	pittance	straighten
gladden	maiden	platinum	straiten
gluten	marten	potency	strident
glutton	martin	potent	student
gotten	martinet	potentate	sudden
greediness	matinee	*precedence	sultan
guerdon	midden	*precedent	sultanate
guidance	mitten	prudence	sweeten
guidon	monotonous	prudent	sweetening
hadn't	monotony	pseudonym	tartan
harden	mordant	puritan (P)	tetanus
hearten	multitudinous	quittance	threaten
heighten	mutiny	readiness	tighten
hidden	mutton	redde	trident
hoyden	needn't	remittance	trodden
hypotenuse	nightingale	retina	unbidden
importance	oaten	retinue	unburden
important	ordinal	riddance	verdant
inadvertently	ordinance	ridden	warden
intermittent	ordinary	rodent	wheaten
jurisprudence	ordinate	rotten	whiten
kindergarten	ordination	sadden	widen
kitten	palatinate	satan (S)	wooden
laden	pardon	satin	wouldn't
latent	paten	scrutinize	written
latin	patent	scrutiny	
latitudinarian	patten	sedentary	

29.1f n preceding a vowel in an unstressed syllable immediately following t or d does not become syllable when (1) the preceding syllable is unstressed, as in accident ['æksədənt, 'æksɪdənt]; or (2) if the preceding syllable has a consonant before the t or d, as in insistent [ɪn'sɪsɪtənt]. The words in which n is non-syllabic are not listed separately, but are listed in section 29.1b with words having n in medial and final syllables.

In the few words listed below usage varies and n may or may not be syllabic.

accountancy	bulletin	mountain	sentence
accountant	cosmopolitan	plantain	sentinel
acquaintance	fountain	repentance	skeleton
badminton	gelatin	repentant	wanton

29.2 nn wherever found. As with other doubled consonants, nn never occurs initially.

annal	cannot	inn	rennin
annalist	canny	innate	runnel
anneal	cayenne	inner	runner
annex	centennial	innervate	running
annexation	channel	innocence	senna
annihilate	cinnabar	innocent	sennight
anniversary	cinnamon	innocuous	shinny
annotate	clannish	innovate	sinner
announce	colonnade	innovation	skinner
annoy	comedienne	innuendo	skinny
annual	connect	innumerable	sonnet
annuity	connection	jennet	sonny
annul	connexion	jenny (J)	spinner
annular	connivance	johnnycake	spinning
annulet	connive	kennel	stunning
annum	connoisseur	linnet	sunny
annunciation	connotation	manna	superannuated
antenna	connote	mannequin	tanner
bandanna	cranny	manner	tannic
banner	cretonne	mayonnaise	tannin
banneret	cunning	millennium	tanning
bannock	dinner	ninny	tennis
banns	donna	nunnery	tinny
beginner	duenna	pannier	tintinnabulation
beginning	ennoble	pannikin	tonnage
belladonna	ennui	pennant	tonneau
biennial	fennel	pennon	triennial
binnacle	finnanhaddie	penny	trunnion
bonnet	finny	perennial	tunnel
bonnie	flannel	personnel	tunny
bunny	funnel	pfennig	tyrannical
caffeinne	funny	pickaninny	tyranny
canna	granny	pinna	wannish
cannel	gunner	pinnacle	whinny
canner	gunnery	pinnacle	winner
cannery	gunny	quadrennial	winning
cannibal	halfpenny	questionnaire	winnow
cannikin	henna	reconnoiter	zinnia
cannon	hosanna	rennet	

29.3a n is silent in a few words in which it follows final m. When an ending beginning with a vowel, except ed or ing, is added, then the n is pronounced, as in hymn [him], hymnal ['himmel] .

autumn (A)	contemn	damned	limn
column	damn	hymn	solemn
condemn			

29.3b n is silent in some pronunciations of the word kiln and in the French word monsieur.

30. THE SOUND [ŋ]

The spellings of [ŋ] are:

1. n before the sound [k] wherever found.
2. n before [g] in the same syllable always and sometimes when in different syllables.

The distribution of [ŋ] in English words is as follows:

- A. [ŋ] alone.
 1. Initially--never occurs.
 2. Finally in syllables, as in
 - a. [ŋz] - sings [sɪŋz]
 - b. [ŋk] - bank [bæŋk]
 - c. [ŋks] - thanks [θæŋks]
 - d. [ŋkst] - amongst [ə'mʌŋkst]

Words with [ŋ] grouped for practice as follows:

30.1 n always before k in the same syllable.

ankle	drink	monkey	spank
bank	drunk	periwinkle	sprinkle
bankrupt	dunk	pink	spunk
blank	flank	plank	stink
blanket	flunk	plunk	sunk
blink	frank (F)	prank	swank
brink	frankfurter	prink	tank
bunk	frankincense	punk	tankard
canker	franklin (F)	punkah	thank
cantankerous	funk	rank	think
chewink	hank (H)	rankle	tinker
chink	hanker	rink	tinkle
chipmunk	honk	sank	trinket
chunk	hunk	shank	trunk
clank	ink	shrank	twinkle
clink	junk	shrink	wink
crank	kink	shrunk	winkle
crinkle	lank	sink	wrinkle
dank	link	skunk	yank
donkey	mink	slink	yunker
drank	monk	slunk	

30.2a n before final g or g cluster, as in bang [bæŋ]. For n in the participial ending, see section 18.9c.

among	gang	rung	tang
amongst	gong	sang	thing
bang	hang	shantung	thong
belong	harangue	sing	throng
boomerang	hung	slang	ting
bung	king	sling	tong
elang	long	slung	tongue
eling	lung	song	twang
elung	meringue	sting	wing
dang	mustang	string	wring
dingdong	orang	strong	wrong
diphthong	pang	strung	wrung
dung	ping	stung	young
fang	prong	sung	
fling	rang	swing	
flung	ring	swung	

30.2b n before g (pronounced [g]) in stressed syllables, as in angry [æŋɡrɪ], and in derived forms of monosyllables where ng is final, as in singer [sɪŋə, sɪŋe] from sing.

anger	extinguish	length	singular
angle	fandango	linger	spangle
angrily	finger	lingo	stingy (biting)
angry	fishmonger	lingual	strangle
anguish	flamingo	linguistic	strangulation
angular	fungous	manganese	strength
angularity	fungus	mangle	surcingle
bangle	ganglia	mango	tangle
bungalow	ganglia	mangonel	tango
bungle	ganglion	mangrove	tangy
bunglar	gangrene	mingle	tingle
clangor	gingham	monger	triangle
commingle	hunger	mongrel	triangular
conger	hungry	mustang	tungsten
congregate	incongruity	newfangled	unguent
congregation	ingot	orangoutang	ungulate
congress	isinglass	permanganate	wangle
consanguinity	jangle	prolong	winged
costermonger	jingle	prolongation	wrangle
dangle	jingo	quadrangle	young
dinghy	jongleur	rectangle	
dingle	jungle	sanguine	
dingy (boat)	kangaroo	sanguinary	
distinguish	language	shanghai (S)	
elongate	languid	shingle	
England	languish	singer	
English	languor	single	

30.3 n before other orthographic symbols representing [k] in monosyllables or stressed syllables of polysyllables, as in jinx [dʒɪŋks], uncle ['ʌŋkəl], conquer ['kʌŋkə, 'kʌŋke], broncho ['brʌŋkou].

adjunct	conjuncture	larynx	sanctimonious
anchor	conquer	Lincoln	sanction
anxiety	defunct	minx	sanctity
anxious	delinquency	perfunctory	sanctuary
bronchial	delinquent	phalanx	sanctum
broncho	distinct	pharynx	sphinx
bronchus	distinction	precinct	subjunctive
bronco	extinct	propinquity	succinct
buncombe	extinction	punctilio	tinct
carbuncle	franc	punctual	tincture
chinquapin	function	punctuate	truncate
cincture	handkerchief	punctuation	uncle
cinqfoil	instinct	rancor	unction
compunction	jinx	relinquish	unctuous
*conch	junction	sacrosanct	
conjunction	junction	sanctify	

30.3a In a few words, usage varies between [ŋ] and [n] where n in a stressed syllable precedes a syllable beginning with [k] or [g].

banquet	congruence	incubation	synchronize
bronchitis	congruent	incubue	syncopate
concave	conquest	jonquil	syncopation
conclave	encore	nightingale	tranquil
concord	idiosyncrasy	pancreas	tranquility
concourse	increment	pancreatic	vanquish
concubine	incubate	penguin	zinc

30.4 In the pronunciation of pumpkin [pʌŋkɪn], the [p] has been lost and the [m] then becomes [ŋ] before [k] by a process of assimilation.

31. THE SOUND [p]

The spellings of [p] are:

1. p wherever found, except as below.
2. pp wherever found, except as below.
3. gh in the word hiccough.
4. [p] as an intrusive glide sound between m and the consonants f, ph, t, th.

Note: For other pronunciations of [p], see:

1. p in ph, section 21.3.
2. pp where the second p is followed by h to make ph pronounced [f], section 31.5b.
3. Silent p, section 31.5a.

The distribution of [p] in English words is as follows:

A. [p] alone.

1. Initially in syllables, as in pen [pen], impulse ['ɪmpʌls].
2. Finally in syllables, as in cap [kæp], chipmunk ['tʃɪpmʌŋk].

B. In phonetic clusters.

1. Initially in syllables, as in
 - a. [pl] - play [pleɪ]
 - b. [pr] - pray [preɪ]
 - c. [sp] - spin [spɪn]
 - d. [spl] - split [splɪt]
 - e. [spr] - spread [spred]
2. Finally in syllables, as in
 - a. [ps] - hips [hɪps]
 - b. [sp] - lisp [lɪsp]
 - c. [sps] - crisps [krɪsps]
 - d. [spt] - lisped [lɪspt]
 - e. [mp] - limp [lɪmp]
 - f. [mps] - lamps [læmps]
 - g. [mpt] - dumped [dʌmpt]
 - h. [mpst] - glimpsed [glɪmpst]
 - i. [mpts] - prompts [prɒmpts, prɒmpts]
 - j. [pt] - adapt [ədæpt]
 - k. [pts] - adapts [ədæpts]
 - l. [lp] - help [help]

m. [lps] - helps [hɛlps]
 n. [lpt] - helped [hɛlpt]
 o. [rp] - warp [wɔrp, wɑ:p]
 p. [rps] - warps [wɔrps, wɑ:ps]
 q. [rpt] - warped [wɔrpt, wɑ:pt]
 r. [pθ] - depth [dɛpθ]
 s. [pɛs] - depths [dɛpɛs]

Words with [p] grouped for practice as follows:

31.1a p initially before vowels in words, as in pan [pæn].

pa	palfrey	panorama	parasitic
pabulum	palisade	pansy	parasol
pace	pall	pant	parboil
pachyderm	palladium	pantaloon	parcel
pacific (P)	pallet	pantheon	parch
pacification	palliate	panther	pard
pacificism	palliation	pantomime	pare
pacify	pallid	pantry	parent
pack	pallium	pap	parental
pact	pallor	papa	parenthesis
pad	palm	papacy	parenthetical
paddle	palmate	papal	parfait
paddock	palmetto	papaya	pariah
padre	palmistry	paper	parietal
padrone	palp	papilla	Paris
paean	palpable	papillary	parish
pagan	palpitate	papoose	parishioner
page	palpitation	paprika	parity
pageant	palsy	papyrus	park
pagoda	palter	par	parlance
paid	paltry	parable	parley
pail	pampas	parabola	parliament
pain	pamper	parachute	parliamentary
paint	pamphlet	parade	parlor
pair	pan	paradigm	parochial
pajamas	panacea	paradise	parody
pal	panama (P)	paradox	parole
palace	pancreas	paraffin	paroxysm
palanquin	pancreatic	paragon	parquet
palatal	pandemonium	paragraph	parricide
palate	pander	parallax	parrot
palatial	pane	paralysis	parry
palatinate	panegyric	paralyze	parse
palatine	panel	paralytic	parsimonious
palaver	pang	paramount	parsimony
pale	pangolin	paramour	parsley
paleozoic	panic	parapet	parsnip
paleolithic	pannier	paraphernalia	parson
paleontology	pannikin	paraphrase	part
palette	panoply	parasite	partake

parterre	pathology	pedagogical	pennon
partial	pathos	pedagogue	penny
partiality	patience	pedal	pension
participate	patient	pedant	pensive
participation	patio	pedantic	pent
participle	patois	peddle	pentagon
particle	patriarch	pedestal	pentagonal
particolored	patrician	pedestrian	pentameter
particular	patrimony	pedigree	pentathlon
partisan	patriot	pediment	pentecostal (P)
partition	patriotic	pedlar	penurious
partner	patristic	peek	penury
partook	patrol	peel	peon
partridge	patron	peep	peony
parturition	patronize	peer	people
party	patroon	peevish	pep
parvenu	patten	peg	pepper
pas	pattern	pelagic	pepsin
pasha	Paul	pelf	per
pass	paunch	pelican	perambulate
passage	pauper	pelisse	perambulation
passe	pauperize	pellagra	percale
passementerie	pause	pellmell	perceive
passenger	pave	pellucid	percent
passim	pavilion	pelt	percept
passion	paw	pelvic	perceptible
passionate	pawn	pelvis	perception
passive	pax	pemmican	perch
passivity	pay	pen	perchance
past	paynim	penal	percolate
paste	pea	penalize	percussion
pastel	peace	penalty	perdition
pastern	peach	penance	pere
pasteurize	peak	penates	peregrination
pastime	peal	pence	peregrine
pastor	pear	penchant	peremptory
pastoral	pearl	pencil	perennial
pastry	peasant	pendant	perfect
pasture	pease	pendent	perfidious
pat	peat	pendulous	perfidy
patch	pebble	pendulum	perforate
pate	pecan	peneplain	perforation
paten	peccadillo	penetrate	perforce
patent	peccary	penetration	perform
pater	peck	penguin	performance
paternal	pectin	peninsula	perfume
paternity	pectoral	penitence	perfunctory
path	peculation	penitent	pergola
pathetic	peculiar	penitential	perhaps
pathogenic	peculiarity	penitentiary	peri
pathological	pecuniary	pennant	pericardium

perihelion	personality	pew	pinna
peril	personate	pewter	pinnacle
perilous	personification	pi	pinnacle
perimeter	personify	pianissimo	pinnate
period	personnel	pianist	pinon
periodic	perspective	piano	pint
periodicity	perspicacity	piaster	pioneer
peripatetic	perspicuity	piazza	pious
periphery	perspiration	piccolo	pip
periscope	perspire	pick	pipe
perish	persuade	pickerel	pipkin
peristalsis	persuasion	picket	pippin
peritoneal	persuasive	pickle	piquancy
peritonitis	pert	picnic	piquant
periwig	pertain	picot	pique
periwinkle	pertinacious	pictorial	piquet
perjure	pertinacity	picture	piracy
perjury	pertinent	picturesque	pirate
perk	perturb	pie	piratical
permanence	perturbation	piece	pirouette
permanent	perusal	pied	pismire
permanganate	peruse	pier	pistachio
permeate	pervade	pierce	pistil
permissible	perverse	piety	pistol
permission	perversion	piffle	piston
permissive	pervert	pig	pit
permit	pesky	pigeon	pitapat
permutation	peso	pike	pitch
pernicious	pessimism	pilaster	piteous
peroration	pessimist	pile	pith
peroxide	pest	pilfer	pittance
perpendicular	pestiferous	pilgrim (P)	pitterpatter
perpetrate	pestilent	pill	pituitary
perpetration	pestilence	pillage	pity
perpetual	pestilential	pillar	pivot
perpetuate	pestle	pillion	pixy
perpetuation	pet	pillory	poach
perpetuity	petal	pillow	pock
perplex	Peter	pilot	pocket
perplexity	petiole	pimento	pod
perquisite	petit	pimp	poem
persecute	petite	pimpernel	poesy
persecution	petition	pimple	poet
perseverance	petrel	pin	poetaster
persevere	petrification	pinafore	poetic
persiflage	petrify	pincers	poetry
persimmon	petrol	pinch	poignancy
persist	petroleum	pine	poignant
persistence	petticoat	ping	poilu
persistent	petulance	pinion	poinsettia
person	petunia	pink	point

poise	pompon	portrait	powwow
poison	pomposity	portraiture	pox
poke	poncho	portray	pub
polar	pone	portulaca	puberty
polarity	pond	pose	public
polarize	ponder	position	publican
pole	ponderous	positive	publication
polemic	pongee	posse	publicity
polenta	poniard	possess	publicize
police	pontiff	possession	publish
policy	pontifical	posset	puck
polish (P)	pontoon	possibility	pudding
polite	pony	possible	puddle
politic	pooch	possum	pudgy
political	pood	post	pueblo
politician	poodle	postal	puerile
polity	pooch	posterior	puerility
polka	pool	posterity	puff
poll	poop	postern	pug
pollack	poor	posthumous	pugilism
pollard	pop	postilion	pugnacious
pollen	pope (P)	postpone	puissance
pollinate	poplar	postulate	puke
pollination	poplin	posture	pule
pollock	poppy	posy	pull
pollute	populace	pot	pullet
pollution	popular	potash	pulmonary
pollywog	popularity	potassium	pulmotor
polo	popularize	potation	pulp
poltroon	populate	potato	pulpit
polyandry	population	potency	pulsate
polyclinic	populous	potent	pulsation
polygamy	porcelain	potentate	pulse
polyglot	porch	potential	pulverize
polygon	porcupine	potentiality	puma
polygonal	pore	pother	pumice
polyp	pork	portion	pummel
polyphase	pornography	potsherd	pump
polysyllabic	porosity	pottage	pumpkin
polysyllable	porous	pottle	pun
polytechnic	porphyry	pouch	punch
polytheism	porpoise	poulterer	punchinello
polytheist	porridge	poultice	punctilio
pomade	porringer	poultry	punctual
pome	port	pounce	punctuate
pomatum	portal	pound	punctuation
pomegranate	portend	pour	puncture
pommel	portent	pout	pungency
pomp	portico	poverty	punish
pompadour	portiere	powder	punitive
pompom	portion	power	punk

punkah	purification	pursuivant	putter
punt	purify	purvey	putty
puny	puritan (P)	purview	puzzle
pup	purity	push	pygmy
pupa	purl	pus	pylon
pupil	purlieu	pusillanimity	pyorrhea
puppet	purloin	puss	pyramid
puppy	purple	pussy	pyramidal
purblind	purport	pustule	pyre
purchase	purpose	put	pyriform
pure	purr	putrefaction	pyrites
puree	purse	putrefy	python
purgative	pursuance	putrid	pyx
purgatory	pursue	putt	
purge	pursuit	puttee	

3l,lb p initially before consonants l and r, as in please [plɪz], prize [praɪz]. For complete list of initial clusters, see introduction to this section.

placable	plasticity	plenteous	plurality
placard	plastron	plenty	plutocrat
placate	plat	plethora	plus
place	plate	plethoric	plush
placenta	plateau	pleura	pluvial
placid	platen	pleurisy	ply
placidity	platform	plexus	practicable
placket	platinum	pliable	practical
plagiarism	platitude	pliant	practice
plagiarize	platoon	plight	practitioner
plague	platter	plinth	praetor
plaice	plaudit	plod	praetorian
plaid	plausibility	plop	pragmatic
plain	plausible	plot	prairie
plaint	play	plough	praise
plaintiff	plaza	plover	prance
plaister	plea	plow	prank
plait	plead	pluck	prate
plan	pleasant	plug	prattle
plane	please	plum	prawn
planet	pleasurable	plumage	pray
planetary	pleasure	plumb	prayer
plank	pleat	plume	preach
plant	plebeian	plump	prebendary
plantain	plebiscite	plummet	precarious
plantation	plebs	plumule	precaution
plaque	plectrum	plunder	precede
plash	pledge	plunge	precedence
plasma	plenary	plunk	precedent
plaster	plenipotentiary	pluperfect	precentor
plastic	plenitude	plural	precept

precession	prepare	pride	proconsul
precinct	preponderance	priest	procrastinate
precious	preposition	prig	procrastination
precipice	preposterous	prim	procreant
precipitate	prerogative	primacy	procreation
precipitation	presage	primarily	proctor
precise	presbyterian (P)	primary	procurable
preclude	presbytery (P)	primate	procurator
precision	prescience	prime	procure
precocious	prescribe	primer	prod
precocity	prescription	primeval	prodigal
preconcert	presence	primitive	prodigality
precursor	present	primogeniture	prodigious
predatory	presentation	primordial	prodigy
predecessor	preservation	primula	produce
predicament	preserve	prince (P)	product
predicate	preside	princess (P)	production
predication	presidency	principal	productivity
predict	president	principality	proem
prediction	presidential	principle	profanation
predilection	press	prink	profane
preen	pressure	print	profanity
preface	prestige	prior	profess
prefatory	presto	priority	profession
prefect	presumably	prism	professor
prefecture	presume	prismatic	professorial
prefer	presumption	prison	proffer
preferable	presumptuous	pristine	proficiency
preference	pretend	prithes	proficient
preferential	pretense	privacy	profile
prefix	pretension	privation	profit
pregnancy	pretentious	privet	profiteer
pregnant	preterit	privilege	profligacy
prehensile	preternatural	privy	profligate
prehension	pretext	prize	profound
prejudice	pretty	pro	profundity
prejudicial	prevail	probability	profuse
prelacy	prevalence	probable	profusion
prelate	prevalent	probate	progenitor
prelim	prevaricate	probation	progeny
preliminary	prevarication	probe	prognosticate
prelude	prevent	probity	program
premier	prevention	problem	progress
premise	preview	proboscis	progression
premium	previous	procedure	progressive
premonition	prevision	proceed	prohibit
premonitory	prewar	process	prohibition
prentice	prey	procession	prohibitive
prep	price	proclaim	project
preparation	prick	proclamation	projection
preparatory	prickle	proclivity	proletarian

prolific	propagation	prosecute	protuberance
prolix	propel	prosecution	proud
prologue	propensity	proselyte	prove
prolong	proper	proslavery	provender
prolongation	property	prosody	proverb
prom	prophecy	prospect	proverbial
promenade	prophecy	prospective	provide
prominence	prophet	prosper	providence
prominent	prophetic	prosperity	providential
promiscuous	prophylactic	prostitute	province
promiscuity	propinquity	prostitution	provincial
promise	propitiate	prostrate	provision
promissory	propitiation	prostration	proviso
promontory	propitious	prosy	provocation
promote	proponent	protagonist	provocative
promotion	proportion	protect	provoke
prompt	proposal	protection	provost
promulgate	propose	protege	prow
promulgation	proposition	proteid	prowl
prone	propound	protein	proximate
prong	proprietary	protest	proximity
pronoun	proprietor	protestant	proxy
pronounce	propriety	protestation	prude
pronunciamento	propulsion	protocol	prudence
pronunciation	prerogue	protoplasm	prudential
proof	prosaic	prototype	prune
prop	proscribe	protozoan	prurient
propaganda	proscription	protract	prussic
propagate	prose	protrude	pry

31.1c p in medial and final syllables except when silent, alone or in clusters, as in campaign [kæmpeɪn], unkempt [ʌnkempt]. For complete list of clusters, see introduction to this section.

For silent p, see section 31.5.

abrupt	adept	anginaepectoris	apex
absorption	adipose	angiosperm	apiary
accept	adopt	anthropoid	apocalypse
acceptable	adoption	anthropological	apocalypse
acceptance	aeroplane	anthropology	apocryphal
acceptation	alpaca	anthropomorphic	apogee
accompaniment	alpine	anticipate	apologetic
accompanist	ampere	anticipatory	apologia
accompany	ample	antipathy	apologize
accomplice	amplification	antipodes	apologue
accomplish	amplify	antiseptic	apology
accompt	amplitude	apanage	apoplectic
acropolis (A)	amply	apathetic	apoplexy
adapt	amputate	apathy	apostasy
adaptation	amylopsin	aperture	apostate

apostle (A)	canape	cheapen	complementary
apostolic	canopy	chimpanzee	complete
apostrophe	capability	chinquapin	completion
apothecary	capable	chipmunk	complex
apothegm	capacious	chrysopraxe	complexion
apothecosis	capacity	circumspect	complexity
appropriate	caparison	circumspection	compliance
apricot	capapie	cisalpine	compliant
April	capillarity	*clapboard	complicate
apriori	capillary	clepsydra	complication
apron	capita	collapse	complicity
apropos	capital	compact	compliment
apse	capitalization	companion	complimentary
apt	capitalize	companionate	comply
aptitude	capitation	company	component
archipelago	capitol	comparable	comport
ascription	capitulate	comparative	compose
aseptic	capitulation	compare	composite
asparagus	capon	comparison	composition
aspect	caprice	compartment	compositor
asperity	capricious	compass	compost
asperse	capstan	compassion	composure
aspiration	capsule	compassionate	compote
aspic	captain	compatibility	comprehend
aspirant	caption	compatible	comprehension
aspiration	captious	compatriot	comprehensive
aspirator	captivate	compeer	compress
aspire	captive	compel	compression
aspirin	captivity	compendious	comprise
assumption	captor	compendium	compromise
attempt	capture	compensate	compulsion
auspice	caput	compensation	compulsive
auspicious	carapace	compensatory	compulsory
autopsy	carpel	compete	compunction
avoirdupois	carpenter	competence	computation
bankrupt	carpentry	competency	compute
baptism	carpet	competent	concept
baptistry	cataleptic	competition	conceptual
baptize	catalpa	competitive	conscript
besprent	catapult	competitor	conscription
biceps	caterpillar	compilation	conspicuous
bicuspid	catsup	compile	conspiracy
biped	centipede	complacence	conspirator
bishopric	centripetal	complacency	conspire
bowsprit	champagne	complacent	constipated
calipers	champaign	complain	constipation
calliopsis	champion	complainant	consumption
camelopard	chaperon	complaint	consumptive
campaign	chaplain	complaisance	contemplate
campanula	chaplet	complaisant	contemplation
campus	chapter	complement	contemplative

contemporaneous	dampen	despond	empress
contemporary	decapitate	despondence	emprise
contempt	deception	despot	empty
contemptuous	deceptive	despotism	empyreal
contraceptive	decompose	diapason	empyrean
contraption	decompound	diaper	encyclopedia
contrapuntal	decrepit	dilapidated	endosperm
cooperate	depart	dilapidation	enterprise
cooperation	departmental	dimple	entrepreneur
cooperative	departure	diploma	epaulet
cooperator	dependence	diplomat	epic
coping	depict	disciple	epicure
copious	depiction	disciplinary	epicurean
copse	depilatory	discipline	epidemic
copy	deplete	discrepancy	epidermis
cornucopia	depletion	disparage	epigram
corporal	deplorable	disparity	epilepsy
corporate	deplore	dispel	epileptic
corporation	deploy	dispensary	epilogue
corporeal	deponent	dispensation	episcopal
corpse	deport	dispense	episode
corpulence	deportation	disperse	epistemology
corpus	depose	dispersion	epistle
corpuscle	deposit	disposable	epistolary
correspond	deposition	disputable	epitaph
correspondence	depository	disputant	epithalamium
corrupt	depot	disputation	epithelium
corruption	depraved	dispute	epithet
cosmopolitan	depravity	disrupt	epitome
coupe	deprecate	disruption	epitomize
couple	deprecation	dissipate	epoch
couplet	deprecatory	dissipation	equipment
coupling	depreciate	dropsical	erupt
coupon	depreciation	dropsy	eruption
craps	depredation	duplex	erysipelas
cupid (C)	depress	duplicate	escapade
cuprous	depression	duplication	escarpment
crept	deprivation	duplicity	especial
crimp	deprive	dyspepsia	espionage
croupier	depth	eclipse	esplanade
crumple	deputation	elapse	espousal
crypt	depute	ellipse	espouse
cryptigram	deputy	elliptical	esprit
culpable	description	emancipate	espy
culprit	despair	emancipation	eucalyptus
cupidity	despatch	emperor	evaporate
cupola	desperado	empire	evaporation
cuspidor	desperate	empiric	example
cyclopaedia	desperation	employ	exasperate
cyclopedia	despicable	employee	exasperation
cypress	despise	emporium	except

exception	explosive	hospitalization	impose
excerpt	exponent	hydroscopic	impostor
exculpate	export	hymenoptera	impotence
exemplar	exportation	hyperbola	impoverish
exemplary	expose	hyperbolic	imprecation
exemplification	exposition	hyperborean	impregnable
exemplify	expositor	hypnosis	impregnate
exempt	expostulate	hypnotic	impregnation
exemption	expostulation	hypnotism	impresario
expand	exposure	hypnotize	impression
expansive	expound	hypocondriac	impressive
expatiate	express	hypocrisy	impromptu
expatriate	expression	hypocrite	improvisation
expatriation	expulsion	hypocritical	improvise
expect	expurgate	hypodermic	impudence
expectancy	extemporaneous	hypotenuse	impugn
expectation	extempore	hypothesis	impulse
expectorate	extemporize	hypothetical	impulsion
expectoration	extirpate	impasse	impunity
expediency	extirpation	impeccable	imputation
expedite	fillip	impede	incapacitate
expedition	forceps	impediment	inception
expeditious	frontispiece	impel	incipient
expel	gastropod	impend	inept
expend	gipsy	imperative	inexpiable
expenditure	glimpse	imperial	inscription
expense	gospel	imperious	insipid
expensive	grapnel	impermeable	insipidity
experience	grumpy	impersonate	inspect
experiment	gumption	impersonation	inspection
experimental	guttapercha	impertinence	inspiration
experimentation	gypsum	imperturbable	inspire
expert	gypsy	impervious	insuperable
expiate	halfpenny	impetuosity	intercept
expiation	hamper	impetuous	interloper
expire	haphazard	impetus	interpolate
expiry	harpoon	impinge	interpellation
explain	harpsichord	impious	interpolation
explanation	helicopter	implacable	interpret
explanatory	hepatic	implement	interpretation
expletive	heptarchy	implicate	interrupt
explicable	higgledypiggledy	implication	interruption
explication	hippopotamus	implicit	intrepid
explicit	hocuspocus	implore	intrepidity
explode	homeopathic	imply	introspection
exploit	hoplite	importance	irreparable
exploitation	horoscope	important	irruption
exploration	hospice	importation	jackanapes
exploratory	hospitable	importunate	japonica
explore	hospital	importune	jasper
explosion	hospitality	importunity	jeopard

jeopardy	nonpareil	paprika	popularize
jodhpurs	nuptial	papyrus	populate
juniper	obstreperous	parapet	population
jurisprudence	occipital	participate	populous
juxtapose	occupancy	participation	porcupine
juxtaposition	occupant	participle	porpoise
kaleidoscopic	occupation	pauper	postpone
kapok	occupy	pauperize	potpourri
kept	octopus	pellet	precept
lampoon	omnipotence	penplain	precipice
lamprey	omnipotent	people	precipitate
lapel	omnipresence	pepsin	precipitation
lapidary	opal	percept	preemption
lapse	opaque	perceptible	preempt
leapt	open	perception	preparation
leopard	opera	peremptory	preparatory
leper	operate	perhaps	prepare
leprosy	operatic	peripatetic	preponderance
lupine	operation	perpendicular	preposition
lupus	operative	perpetrate	preposterous
malapert	opereetta	perpetration	prescription
manipulate	opiate	perpetual	presumption
manipulation	opine	perpetuate	presumptuous
manuscript	opinion	perpetuation	principal
maple	opium	perpetuity	principality
marsupial	opposum	perplex	principle
metempsychosis	optic	perplexity	prompt
metropolis	optician	perspective	propaganda
metropolitan	optimism	perspicacity	propagate
microscopic	optimist	perspicuity	propagation
misanthropic	optimistic	perspiration	propel
misanthropy	optimum	perspire	propensity
monopolize	option	pharmacopoeia	proper
monopoly	opulence	philanthropic	property
multiple	opus	philanthropy	propinquity
multiplication	osprey	pimpernel	propitiate
multiplicity	ovipositor	pimple	propitiation
multiply	palpable	pinnate	propitious
mumps	palpitate	pipkin	proponent
municipal	palpitation	pitapat	proportion
municipality	pampas	pitterpatter	proposal
myopia	pamper	plenipotentiary	propose
napery	panoply	pompadour	proposition
naptha	papa	pompon	proprietary
napkin	papacy	pomposity	proprietor
napoleon (N)	papal	poplar	propriety
necropolis	papaya	poplin	propulsion
nepenthe	paper	populace	proscription
nepotism	papilla	popular	prospect
nincompoop	papillary	popularity	prospective
nondescript	papoose		prosper

prosperity	repletion	scapel	spank
protoplasm	replica	scapular	spar
psychopathic	reply	scepter	spare
pulpit	report	sceptic	spark
*pumpkin	repose	scopolamine	sparkle
pupa	repository	scorpion	sparrow
pupil	reprehend	script	sparse
purple	reprehensible	scripture	spasm
purplish	represent	scruple	spasmodic
purport	representation	scrupulous	spat
purpose	repression	sculptor	spate
quadruped	reprieve	sculpture	spatula
quadruple	reprimand	sempiternal	spavin
rampant	reprisal	sempstress	spawn
rampart	reproach	sepal	speak
rapacious	reprobate	separate	spear
rapacity	reprobation	separation	special
rapid	reptile	sepia	specialization
rapidity	reptilian	September	specialize
rapier	republic	septic	specie
rapine	repudiate	septum	specific
rapt	repudiation	sepulcher	specification
rapture	repugnance	sepulchral	specify
receptacle	repulsion	sepulture	specimen
reception	repulsive	serpent	specious
receptive	reputation	shallop	speck
receptivity	repute	shampoo	speckle
recipe	respect	shepherd	spectacle
recipient	respiration	shrapnel	spectacular
reciprocal	respiratory	simper	spectator
reciprocate	respire	simple	specter
reciprocation	respite	simplicity	spectroscope
reciprocity	resplendent	simplification	spectrum
recompense	respond	simplify	speculate
recuperate	response	simply	speculation
recuperation	responsibility	sixpence	sped
redemption	resumption	skeptic	speech
repair	retrospect	slept	speed
reparation	retrospection	soporific	speedometer
repartee	rhapsody	soprano	spell
repeat	rolypoly	spa	spelt
repel	rumple	space	spencer (S)
repellent	rumpus	spacious	spend
repent	rupee	spade	spent
repentance	rupture	spaghetti	sperm
repercussion	sampan	Spain	spermatozoon
repertoire	sample	spake	spew
repertory	sapient	span	spice
repetition	saponification	spangle	spick
replenish	saprophyte	spaniel	spicule
replete	sarsaparilla	spanish (S)	spider

spigot	spot	subscription	susceptible
spike	spouse	sumpter	suspect
spill	spout	sumptuous	suspend
spilt	sprain	super	suspense
spin	sprang	superabundance	suspension
spinach	sprat	superabundant	suspicion
spindle	sprawl	superb	suspicious
spine	spray	supercargo	swept
spinet	spread	supercilious	sympathetic
spinster	sprea	supereminent	sympathize
spiracle	sprig	superficial	sympathy
spire	sprightly	superfine	symposium
spirit	spring (S)	superfluity	symptom
spiritual	sprinkle	superfluous	syncopate
spirituality	sprint	superhuman	syncopation
spiritualize	sprit	superimpose	synopsis
spirometer	sprite	superincumbent	tadpole
spit	sprocket	superinduce	tamper
spite	sprout	superintend	taper
spittoon	spruce	superintendent	tapestry
spitz	sprung	superior	tapioca
splash	spry	superiority	tapir
splatter	spud	superlative	tarpaulin
splay	spue	superman	telepathy
spleen	spume	supernal	telepathic
splendid	spun	supernatural	telescopic
splendor	spunk	supernumerary	temper
splenetic	spur	superpose	tempera
splenic	spurious	superposition	temperament
splice	spurn	superpower	temperance
splint	spurt	superscribe	temperate
splinter	sputter	superscription	temperature
split	sputum	supersede	tempest
splotch	spy	superstition	tempestuous
splurge	stampede	superstitious	temple
splutter	staple	superstructure	tempo
spoil	steapsin	supervene	temporal
spoke	steeple	supervise	temporize
spoliation	stipend	supervision	tempt
sponge	stipulate	supine	temptation
sponsor	stipulation	supra	tepee
spontaneity	stipule	supremacy	tepid
spontaneous	strumpet	supreme	terrapin
spoof	stupefaction	surpass	therapeutic
spook	stupefy	surplice	therapy
spool	stupendous	surplus	threepence
spoon	stupid	surprise	tipsy
sporadic	stupidity	surreptitious	topaz
sporangia	stupor	superadd	toper
spore	styptic	superannuated	topic
sport	subpoena	susceptibility	topographical

topography	trapezoid	tympanum	vesper
topsyturvy	trepidation	typical	viper
torpedo	trespass	typify	vituperation
torpid	triceps	typographical	viviparous
torpidity	tricuspid	umpire	volplane
torpor	tripartite	unkempt	voluptuous
trample	triple	upheaval	vulpine
transcription	triplicate	upsilon	wampum
transept	tripod	usurpation	weapon
transparency	triptych	utopia (U)	whimper
transparent	tropic	vampire	whisper
transpiration	trumpet	vapid	wimple
transpire	trypsin	vapor	yclept
transport	turpentine	vaporization	
transportation	turpitude	vaporize	
trapeze	tympanic	velocipede	

3l.ld p finally, alone or in clusters, as in cap [kæp], jump [ʒʌmp]. For complete list of clusters, see introduction to this section.

alp	croup	hasp	mugwump
asp	cup	heap	nap
bishop	cusp	help	neap
bump	damp	hemp	nincompoop
burlap	deep	hiccup	nip
camp	develop	hip	palp
cap	dip	hoop	pap
carp	drip	hop	parsnip
catchup	droop	hump	peep
catnip	drop	hyssop	pep
champ	dump	imp	pimp
chap	envelop	julep	pip
cheap	equip	jump	plop
cheep	escallop	keep	plump
chip	flap	kelp	polyp
chirp	flip	ketchup	pomp
chirrup	flop	kidnap	poop
chop	fop	kip	pop
chump	frump	lamp	prep
clamp	gallop	lap	prop
elap	gap	leap	pulp
clasp	gasp	limp	pump
clip	gimp	lip	pup
clump	gossip	lisp	quip
collop	grasp	loop	ramp
coop	grip	lop	rap
cop	group	lump	rasp
cramp	gulp	map	reap
creep	gyp	mayhap	rip
crisp	hap	mishap	romp
crop	harp	mop	rump

sap	slap	stump	up
satrap	sleep	sup	usurp
scallop	slip	swamp	vamp
scalp	sloop .	swap	wallop
scamp	slop	sweep	warp
scarp	slump	swoop	wasp
scoop	snap	syrup	weep
scrap	snip	tamp	whelp
scrimp	snoop	tap	whip
scrip	soap	thorp	whoop
seep	sop	thump	wisp
sharp	soup	tip	worship
sheep	stamp	top	wrap
ship	steep	tramp	yap
shop	step	trap	yawp
shrimp	stirrup	trip	yelp
simp	stoop	trollop	yep
sip	stop	troop	zip
sirup	strap	trump	
skimp	strip	tulip	
skip	strop	turnip	

31.1e p before final silent e. The final silent e does not affect the pronunciation of p as [p].

agape	elope	nape	snipe
antelope	envelope	ope	spectroscope
ape	escape	periscope	stanhope
archetype	Europe	pipe	stripe
cantaloupe	grape	pope (P)	swipe
cape	gripe	prototype	tape
cope	grope	rape	taupe
*coupe	heliotrope	ripe	telescope
crape	hope	rope	tripe
crepe	jape	scape	trope
daguerreotype	kaleidoscope	scope	troupe
dope	lope	scrape	type
drape	microscope	shape	wipe
dupe	mope	slope	

31.2 pp wherever found, except in the word sapphire. See section 31.5d.

appall	appellant	applaud	appoint
appanage	appellation	applause	apportion
apparatus	append	apple	apposite
apparel	appendectomy	appliance	appraise
apparent	appendicitis	applicable	appreciate
apparition	appendix	applicant	appreciative
appeal	appertain	applied	apprehend
appear	appetite	applique	apprehension
appease	appetizer	apply	apprehensive

apprentice	foppery	poppy	supple
apprise	foppish	puppet	supplement
approach	frillery	puppy	suppliant
approbation	grapple	rapport	supplicate
appropriate	grippe	ripping	supplication
approve	happen	sapple	supply
approximate	happy	sapper	support
appurtenance	hippodrome	sappy	suppose
chipper	hippopotamus	scupper	supposition
chopper	hopper	shipper	suppository
choppy	kappa	shipping	suppress
clapper	kidnapper	shopper	suppression
clipper	lappet	skipper	tippet
clipping	nippers	slipper	tipple
copper	nipple	sloppy	topping
copperas	nippy	snapper	topple
coppice	opponent	snappish	trapper
cripple	opportune	snappy	trappings
cropper	opportunity	snippy	upper
crupper	opposition	sopping	whippet
dapper	oppress	steppe	whipping
dapple	oppression	stepper	whippletree
dipper	opprobrious	stipple	whippoorwill
drippings	opprobrium	stoppage	whopper
flapper	pappoose	stopper	wrapper
flippancy	pepper	strapping	wrapping
flippant	peppy	supper	zeppelin
flipper	popper	suppliant	

31.3 gh in the word hiccough ['hɪkəp].

31.4 [p] is found as an intrusive glide sound between m and the consonants f, ph, t, s, th. The m may be in the same syllable, as in nymph [nɪmpf], or at the end of a stressed syllable preceding the voiceless consonant, as in comfort ['kʌmpfət].¹ In the process of moving from the nasal m to the succeeding consonant, the movements of the articulators are not completely synchronized and the intrusive [p] may result.²

¹R. M. S. Heffner, General Phonetics. (Madison: University of Wisconsin Press, 1949), pp. 185-186.

²It is interesting to note that Ripman says the tendency is to drop out the [p] in these consonant clusters.--Walter Ripman, English Phonetics and Specimens of English. (London: Dent, 1933), p. 52.

The glide [p] sound has been spelled into a few words, such as empty, sempstress. In words such as lymph, the [p] which is pronounced is not the p which appears in the spelling. That [p] is the orthographic symbol for Greek phi and produces the [f].

amphitheater	comfort	humph	symphony
amphora	discomfort	lymph	triumph
eamphor	discomfiture	nymph	triumphal
chamfer	dreamt	pamphlet	triumphant
circumference	emphasis	samphire	warmth
circumferential	emphasize	seamstress	

3l.5 p is silent in initial position before the letters n, s, t, in a group of words, most of which are Greek. It is silent before f in one pronunciation of the German loan-word pfennig.

metempsychosis	pseudo	psychoanalysis	ptarmigan
pneumatic	pseudonym	psychoanalyst	pterodactyl
pneumonia	pshaw	psychological	ptomaine
psalm	psyche	psychology	ptyalin
psalmody	psychiatry	psychopathic	
psaltery	psychic	psychosis	

3l.5b p is silent in a few words in which it occurs in a final syllabic cluster. The process of assimilation, due to unstress in most of these words, causes the [p] to drop out.

clapboard	comptroller	cupboard	pumpkin
raspberry			

3l.5c p is silent in a few French loan-words, in which the final consonants or consonant clusters are silent.

accompt	corps	coup	receipt
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3l.5d pp in sapphire, where the first p is silent and the second is part of the digraph ph [f].

32. THE SOUND [r]

The spellings of [r] are:

1. r wherever found, except as below.
2. rh where h is silent.
3. wr where w is silent.
4. rr wherever found, except as below.

Note: For other pronunciations of [r], see:

1. r following a vowel, final or before a consonant, in a stressed syllable, sections 11.1-9.
2. r following a vowel, either final or before a consonant, in an unstressed syllable, sections 17.1-12.
3. rr intervocalically or finally, section 11.9.

The distribution of [r] in English words is as follows:

A. [r] alone.

1. Initially in syllables, as in run [ran], around [ə'raund].
2. Finally in syllables, in GA only, as in car [kɑr]. When an r in final position in a syllable is followed by a syllable beginning with a vowel, either in the same word or in another word, then the r becomes intervocalic and is pronounced as r in all regions, as in average [æverɪdʒ], far away [fə'reɪ].

B. In phonetic clusters.

1. Initially in syllables, as in

- a. [br] - break [breɪk]
- b. [kr] - crack [kræk]
- c. [dr] - draw [draʊ]
- d. [fr] - free [fri]
- e. [gr] - great [greɪt]
- f. [pr] - proud [praʊd]
- g. [tr] - tree [tri]
- h. [spr] - sprout [spraʊt]
- i. [str] - street [stri:t]
- j. [] - shrimp [rɪmp]
- kj. [] - shrimp [rɪmp]
- lk. [skr] - scrawl [skrɔl]
- l. [θr] - throw [θrou]

2. Finally is clusters (GA only), as in

a.	[rz]	-	<u>cars</u>	[karz]
b.	[rs]	-	<u>horse</u>	[hors]
c.	[rst]	-	<u>coursed</u>	[kourst, korst]
d.	[rə]	-	<u>fourth</u>	[fourə, fore]
e.	[rəs]	-	<u>fourths</u>	[fourəs, forəs]
f.	[rk]	-	<u>ark</u>	[ark]
g.	[rks]	-	<u>harks</u>	[harks]
h.	[rkt]	-	<u>parked</u>	[parkt]
i.	[rm]	-	<u>arm</u>	[arm]
j.	[rmz]	-	<u>farms</u>	[farmz]
k.	[rt]	-	<u>cart</u>	[kart]
l.	[rts]	-	<u>darts</u>	[darts]
m.	[rb]	-	<u>barb</u>	[barb]
n.	[rbz]	-	<u>orbs</u>	[orbz]
o.	[rd]	-	<u>chard</u>	[tʃard]
p.	[rdz]	-	<u>yards</u>	[jardz]
q.	[rtʃ]	-	<u>arch</u>	[artʃ]
r.	[rdʒ]	-	<u>barge</u>	[bardʒ]
s.	[rn]	-	<u>barn</u>	[barn]
t.	[rnz]	-	<u>barns</u>	[barnz]
u.	[rp]	-	<u>carp</u>	[karp]
v.	[rps]	-	<u>corpse</u>	[korps]
w.	[rpt]	-	<u>warped</u>	[worpt]
x.	[rʃ]	-	<u>harsh</u>	[harʃ]
y.	[rl]	-	<u>snarl</u>	[snarl]
z.	[rlz]	-	<u>snarls</u>	[snarlz]
aa.	[rf]	-	<u>scarf</u>	[skarf]
bb.	[rfs]	-	<u>scarfs</u>	[skarfs]
cc.	[rv]	-	<u>carve</u>	[karv]
dd.	[rvz]	-	<u>carves</u>	[karvz]
ee.	[rvd]	-	<u>starved</u>	[starvd]

Words with [r] are grouped for practice as follows:

Variation in the use of the [r] is the principal difference among the regional dialects. When final or before consonants, S and E either omit the sound entirely or substitute [ə]. GA pronounces [r] in all positions. If [r] occurs finally, alone or in a cluster, in an unstressed syllable, then GA uses the r-colored vowel [ɝ], while S and E use [ə].¹

See sections 11 and 17 for words with r following a vowel in stressed and unstressed syllables.

¹ Kurath, Handbook of the Linguistic Geography of New England, p. 8.

32.1a r initially before vowels in words, as in rag [ræg].

rabbi	ranch	ray	receive
rabbinical	rancid	rayon	recent
rabbit	rancor	raze	receptacle
rabble	random	razor	reception
rabid	rang	razz	receptive
rabies	range	reach	recess
raccoon	rank	react	recession
race	rankle	reaction	recherche
raceme	ransom	reactionary	recipe
racial	rant	read	recipient
rack	rap	readdress	reciprocal
racket	rapacious	reagent	reciprocation
radial	rapacity	readjust	reciprocity
radiant	rape	readjustment	recital
radiate	rapid	ready	recitation
radiation	rapidity	reaffirm	recitative
radical	rapier	real	recite
radicle	rapine	reality	reck
radii	rapport	realization	reckon
radio	rapt	realize	reclamation
radish	rapture	realm	recline
radium	rare	realtor	recluse
radius	rarefy	ream	recognition
raffia	rascal	reanimate	recognize
raffle	rascality	reap	recollect
raft	rash	reappear	recollection
rafter	rasp	reappearance	recommend
rag	raspberry	reappoint	recommendation
rage	rat	rear	recompense
ragout	ratchet	reason	reconcile
rah	rate	reave	reconciliation
raid	rathe	rebate	recondite
rail	rather	rebec	reconnaissance
raillery	ratification	rebel	reconnoiter
raiment	ratify	rebellion	record
rain	ratio	rebellious	recover
raise	ratiocination	rebuff	recovery
rajah (P)	ration	rebuke	recreant
rake	ratline	rebus	recreation
rally	rattan	rebut	recrimination
ram	rattle	rebuttal	recrudescence
ramble	raucous	recalcitrant	recruit
ramkin	ravage	recall	rectal
ramification	rave	recant	rectangle
ramify	ravel	recantation	rectangular
ramp	raven	recapitulate	rectification
rampant	ravine	recapitulation	rectify
rampart	ravish	recede	rectitude
ran	raw	receipt	rector

rectory	refusal	relief	repartee
rectum	refuse	relieve	repast
recumbent	refutation	religion	repay
recuperate	refute	religious	repeal
recuperation	regal	relinquish	repeat
recur	regale	relish	repel
recurrence	regalia	reluctance	repellent
recusant	regard	reluctant	repent
red	regatta	relume	repentance
redaction	regency	rely	repercussion
redan	regent	remain	repertoire
rede	regicide	remand	repertory
redeem	regime	remark	repetition
redemption	regimen	remarkable	repine
redolent	regiment	remedial	replace
redound	regimentation	remedy	replenish
reduce	region	remember	replete
reducible	register	remembrance	repletion
reduction	registration	remind	replica
redundant	regress	reminisce	reply
reed	regret	reminiscence	report
reef	regular	remission	repose
reek	regularity	remit	repository
reel	regulate	remittance	reprehend
reeve	regulation	remnant	reprehensible
refection	regurgitate	remonstrance	represent
refectory	rehabilitate	remonstrant	representation
refer	rehearse	remorse	repress
referee	reign	remote	repression
reference	rein	remove	reprieve
referendum	reiterate	remunerate	reprimand
refine	reject	remuneration	reprisal
reflect	rejection	renaissance (R)	reproach
reflection	rejoice	renal	reprobate
reflex	rejuvenate	renascence	reprobation
reflux	rejuvenation	rend	reproduce
reform	relapse	rendezvous	reproff
reformation	relation	rendition	reprove
reformatory	relative	renegade	reptile
refract	relativity	rennet	reptilian
refraction	relax	rennin	republic
refrain	relaxation	renounce	republican
refrangible	relay	renovate	repudiate
refresh	release	renovation	repudiation
refrigerate	relegate	renown	repugnance
refrigeration	relent	rent	repulse
reft	relevant	renunciation	repulsion
refuge	reliability	relate	repulsive
refugee	reliable	repaid	reputation
refulgent	reliance	repair	repute
refund	relic	reparation	request

requiem	restriction	revile	rip
require	result	revise	ripe
requisite	resultant	revision	ripple
requisition	resume	revive	rise
requite	resumption	revivify	risen
rescind	resurrect	revocation	risk
rescue	resurrection	revoke	rite
research	resuscitate	revolt	ritual
resemblance	resuscitation	revolution	rivage
resemble	retail	revolve	rival
resent	retain	revue	rive
reservation	retaliate	revulsion	ripen
reserve	retaliation	reward	river
reservoir	retard	reynard (R)	rivet
reside	retardation	rib	rivulet
residence	retention	ribald	roach
residential	reticence	ribband	road
residual	retina	ribbon	roam
residue	retinue	rice	roan
residuum	retire	rich	roar
resign	retort	Richard	roast
resignation	retract	rick	rob
resilient	retraction	rickets	robe
resin	retreat	ricochet	robin
resist	retribution	rid	robust
resistance	retrieve	riddle	rock
resolute	retrograde	ride	rocket
resolution	retrogression	ridge	rococo
resolve	retrospect	ridicule	rod
resonance	retrospection	ridiculous	rode
resonant	retrousse	rife	rodent
resonator	retting	riffle	rodeo
resort	return	riffraff	roe
resound	reveal	rifle	rogation
resource	veille	rift	rogue
respect	revel	rig	roister
respiration	revelation	right	role
respiratory	revenge	righteous	roll
respire	reverberate	rigid	rollicking
respite	reverberation	rigidity	rolypoly
resplendent	revere	rigmarole	romaine
respond	reverence	rigor	romance
response	reverend (R)	rile	romantic
responsibility	reverential	rill	romaunt
rest	reverie	rim	Roman
restaurant	reverse	rime	Rome
restitution	reversible	rind	romp
restoration	reversion	ring	rondeau
restore	revert	rink	rondel
restrain	revery	rinse	rondo
restrict	review	riot	rood

roof	rouge	rude	rung
rook	rough	rudiment	runic
room	roulette	rudimentary	runnel
roost	round	rue	runt
root	rouse	ruff	rupee
rope	roustabout	ruffian	rupture
rosary	rout	ruffle	rural
rose	route	rug	ruse
roseate	routine	ruin	rush
rosin	row	rum	russet
roster	rowdy	rumba	Russia
rostrum	rower	rumble	rust
rot	royal	ruminate	rustic
rotary	rub	rumination	rustle
rotate	rubble	rummage	rut
rotatory	ruble	rumor	rutabaga
rote	ruby	rump	ruthless
rotogravure	rubric	rumple	rye
rotund	ruction	rumpus	
rotunda	rudder	run	
roue	ruddy	rune	

32.lb r in medial and final syllables, intervocalic or in initial clusters, as in very [veri], afraid [ə'freid]. For complete list of clusters, see introduction to this section.

For complete lists of words in initial clusters br, dr, fr, cr, gr, pr, tr, see sections containing the initial sound.

abbreviate	acrimonious	adulteress	aggression
abjuration	acrimony	adulterous	aggressive
aborigines	acrobat	adultery	aggrieve
abrade	acropolis	adventurer	agrarian
abrasion	acrostic	adventuress	agree
abrasive	actress	adventurous	agricultural
abrogate	address	adversary	agriculture
abrupt	adherence	advisory	agriculturist
abstract	adjuration	aerate	aigrette
abstruse	administration	aerial	aileron
accelerate	admirable	aeroplane	airdrome
accessory	admiral	aeronaut	airily
accoutrements	admiration	aery	airy
accredit	admirer	afferent	alacrity
accretion	admiringly	affray	alarum
accrue	admonitory	agaragar	albatross
accuracy	adorable	agaric	algebra
accurate	adoration	agglomerate	algebraic
achromatic	adroit	aggrandize	ailmentary
acreage	adulterate	aggravate	allegory
acrid	adulterer	aggregate	alliteration

alluring	apparel	aroma	auricular
alteration	apparent	aromatic	auriferous
altruistic	apparition	arrearage	aurora (A)
amaranth	appearance	arterial	auroral
amaryllis	appraise	arteriosclerosis	austerity
amateurish	appreciate	artery	authoress
amateurism	appreciative	arthritis	authoritarian
amatory	apprehend	artillery	authoritative
ambassadorial	apprehension	artistry	authority
ambassadors	apprehensive	ascribe	authorize
ambergria	apprentice	ascription	autocracy
ambidextrous	apprise	asparagus	autocrat
ambrosia	approach	asperity	auxiliary
ambulatory	approbation	aspirant	avarice
ameliorate	appropriate	aspiration	avaricious
America	appropriate	aspirator	average
amorous	approve	aspirin	aviary
amphora	approximate	asseverate	awry
anachronism	apricot	asseveration	baccalaureate
ancestral	April	assurance	bacteria
ancestress	apriori	assuredly	bactericidal
ancestry	apron	asterisk	bacteriological
anchorage	apropos	asteroid	bacteriologist
anchoret	aquarium	astrakhan	bacteriology
anchorite	arabesque	astral	bacterium
ancillary	arable	astrigent	bakery
aneroid	arachnid	astrolabe	balbriggan
aneurism	arbitral	astrologer	baldric
angina pectoris	arbitrament	astrological	ballerina
angrily	arbitrarily	astrology	balustrade
angry	arbitrary	astronomer	banditry
angularity	arbitrate	astronomical	bankrupt
anniversary	arbitration	astronomy	banneret
answerable	arbitress	asymmetrical	baptistry
anterior	arboreal	asymmetry	baptistery
anthracene	archery	atrium	barbarian
anthracite	architectural	atrocious	barbaric
anthrax	architrave	atrocities	barbarism
anthropoid	area	atrophy	barbarity
anthropological	arena	attract	barbarous
anthropology	aria	attraction	barite
anthropomorphic	arid	attributable	baritone
anticipatory	aridity	attribute	barium
antiquarian	aristocracy	attribution	barometer
antiquary	aristocrat	attrition	barometric
aphorism	arithmetical	auditorium	baron
apiary	arithmetician	auditory	baronet
apocryphal	armor	augury	baronial
apostrophe	armorial	aura	baroque
apothecary	amory	aureole	barouche
apparatus		auricle	barricade

batrachian	bowsprit	careen	cereal
battery	buckram	career	cerebral
bearable	buffoonery	caress	cerebrum
bearer	bureau	caribou	ceremonial
bearing	bureaucracy	caricature	ceremony
bearish	bureaucrat	caricaturist	cerium
bedraggle	burglarious	caries	cerulean
beery	burglary	carillon	chagrin
beggary	burial	carnivorous	chambray
begrudge	bury	carol (C)	chancery
belfry	butchery	carom	chantry
belleslettres	buttery	carotid	chaperon
belligerence	buttress	carousal	character
benefactress	caballero	carouse	characteristic
beneficiary	cabaret	carpentry	characterization
berate	cadaverous	cascara	characterize
bereft	caesura	cartridge	characterly
bereave	cafeteria	caryatid	charade
beret	cajolery	casserole	charily
beriberi	calcareous	castrate	chariot
beryl	caldron	cataract	charitable
besprent	calibrate	catastrophe	charity
bestrew	caloric	catastrophic	chary
betray	calorie	categorical	chatterer
betroth	calorimeter	category	cheerer
beverage	calory	caterer	cheerily
bewray	cambric	cathedral	cheery
bibliographical	camera	cauldron	chemistry
bibliography	canary	cauterize	cherish
bigotry	candelabrum	cavalry	cheroot
binary	cannery	celebrant	cherub
biographical	canonry	celebrate	cherubic
biography	cantankerous	celebration	cherubim
bishopric	caparison	celebrity	chevron
blazonry	capillarity	celerity	chiaroscuro
bleareyed	capillary	celery	chicanery
blustery	caprice	cellarage	chickaree
boisterous	capricious	cellarer	chicory
boisterous	carabineer	cemetery	children
bolero	caramel	censorious	chimaera
boomerang	carafe	centenarian	chimera
boorish	carapace	centenary	chirurgeon
boracic	carat	centigrade	chivalric
borax	caravan	centigram	chivalrous
borderer	caravansary	central	chivalry
boreal	caravel	centralization	chloral
borer	caraway	centralize	chlorate
boric	carbohydrate	centrifugal	chloride
boron	carboniferous	centripetal	chlorine
borough	carborundum	centurion	chloroform
boundary	carburetor	century	chlorophyll
bowery	caret	ceramic	cholera

choleric	clepsydra	conferee	contractile
cholesterol	cleric	conference	contractility
choral	clerical	configuration	contraction
chorale	cloistral	confirmatory	contractual
chorea	cobra	confiscatory	contradict
chorister	cockatrice	conflagration	contradiction
chorus	cockerel	confrere	contradictory
Christ	coherence	confront	contradistinction
christen	coherent	congeries	contralto
christian (C)	collaborate	conglomerate	contraption
Christmas	collaboration	conglomeration	contrapuntal
chromatic	collaborator	congratulate	contrariety
chrome	collateral	congratulation	contrariwise
chromic	colliery	congratulatory	contrary
chromium	coloring	congregate	contrast
chromo	colorist	congregation	contravene
chromosome	coloration	congress	contravention
chronic	commemorate	congressional	contribute
chronicle	commemoration	congruence	contribution
chronological	commensurate	congruent	contributory
chronology	commentary	coniferous	contrite
chronometer	commiserate	conjectural	contrition
chrysalis	commiseration	conjunction	contrivance
chrysanthemum	commissariat	conjurer	contrive
chrysolite	commissary	conjurer	control
chrysoprase	comparable	conqueror	controversial
cicerone	comparison	conscrip	controversy
cigarette	compatriot	conscription	controvert
ciliary	compensatory	consecrate	conundrum
cinematograph	complementary	consecration	cooking
circulatory	complimentary	conservatory	cooperage
circumference	comprehend	considerable	cooperate
circumferential	comprehension	considerate	cooperation
circumscribe	comprehensive	consideration	cooperative
circumscription	compress	considering	cooperator
cithara	compression	consistory	copperas
citrous	comprise	consolatory	coppery
citizenry	compromise	conspiracy	coquetry
citric	comptroller	conspirator	coracle
citron	comrade	constabulary	coral
citrus	concentrate	constrain	cordillera
clamorous	concentration	constrict	corduroy
claret	concentric	constriction	coriander
clarify	conciliatory	construct	cormorant
clarinet	concrete	construction	corolla
clarion	concretion	construe	corollary
clarionet	concurrent	contemporaneous	corona
clarity	confectionery	contemporary	coronal
clearance	confederacy	contraband	coronation
cleareyed	confederate	contraceptive	coroner
clearing	confederation	contract	coronet

corporal	declamatory	depravity	diagrammatic
corporate	declaration	deprecate	diametrical
corporation	declaratory	deprecation	diaphragm
corporeal	declaratory	deprecatory	diary
corroborate	decorate	depreciate	dictatorial
corroboration	decorative	depreciation	dictionary
corundum	decorous	depredation	dietary
coterie	decorum	depress	difference
counteract	decrement	depression	different
countrified	decrepit	deprivation	differential
country	decretal	deprive	diffraction
courage	dedicatory	derelict	dignitary
courageous	defamatory	dereliction	digress
courier	deference	deride	digression
coventry	deferential	derision	dilatory
coverage	defray	derisive	diorite
cowrie	degeneracy	derivation	diphtheria
coxcombry	degenerate	derivative	direct
cuirass	degeneration	derive	direction
cuirassier	degradation	derogate	director
culinary	degrade	derogation	directory
culprit	degree	derogatory	dirigible
cultural	deleterious	description	disastrous
culverin	deliberate	descri	disciplinarian
cumbrous	deliberation	deseccate	disciplinary
euprous	delirious	deseccation	discoverer
curable	delirium	desiderata	discovery
curacao	deliverance	desirable	discrepancy
curate	deliverer	desirous	discrete
curative	delivery	despairing	discretion
curator	demagoguery	desperado	discretionary
curio	demerit	desperate	discriminate
curiosity	demilitarize	desperation	discrimination
curious	democracy	destroy	disgruntled
cursory	democrat	destruction	disintegrate
curule	democratize	destructive	disintegration
customary	demonstrable	desultory	disparage
cutlery	demonstrate	deteriorate	disparity
cylindrical	demonstration	deterioration	dispensary
cypress	demonstrative	detract	disrupt
czarina	demoralization	detract	disruption
dairy	demoralize	detriment	distillery
dandruff	dentifrice	detritus	distract
dangerous	dentistry	devilry	distract
daring	deodorant	deviltry	distract
deanery	deodorize	devourer	distraught
dearie	depilatory	dexterity	distribute
deary	deplorable	dexterous	distribution
debauchery	depository	dextrin	distributive
debris	depository	dextrous	district
decigram	depraved	diagram	doctoral

doctorate	electroscope	ephemeral	exemplary
doctrinaire	electrostatic	epicurean	exhilarate
doctrine	electrotype	epigram	exhilaration
documentary	electrum	epistolary	exonerate
doggerel	eleemosynary	equatorial	expatriate
doggerel	elementary	equestrian	expatriation
doldrums	emblazonry	equilibrium	expectorate
dolorous	embrasure	era	expectoration
domiciliary	embroider	eradiate	expeditionary
dormitory	embroiderer	eradicate	experience
dory	embroidery	erase	experiment
dowry	embryo	erasure	experimental
durability	embryology	erect	experimentation
durable	embryonic	erection	expiry
duralumin	emerald	eremite	explanatory
durance	emeritus	erosion	exploration
duration	emery	erotic	exploratory
duress	emigrant	erudite	explorer
during	emigrate	erudition	express
dysentery	emigration	erupt	expression
egocentric	emigre	eruption	extemporaneous
eccentricity	emissary	erysipelas	extempore
ecru	emperor	escadrille	extemporize
editorial	empiric	escarole	exterior
eerie	emporium	escritoire	extra
efferent	empress	esoteric	extract
efflorescence	emprise	esprit	extraction
effrontery	empyreal	estrange	extradite
egregious	empyrean	estuary	extradition
egress	enchantress	ethereal	extraneous
egret	encroach	eureka (E)	extraordinary
elaborate	encumbrance	Europe	extravagance
elaboration	endocrine	evaporate	extravaganza
electoral	endurance	evaporation	extreme
electorate	enduring	every	extremity
electric	engineering	evolutionary	extricate
electrical	enginery	exaggerate	extrude
electrician	enquiry	exaggeration	extrusion
electricity	enteric	exasperate	exuberance
electrification	enterprise	exasperation	eyrie
electrify	entourage	exclamatory	fabric
electro	entrails	excoriate	fabricate
electrocute	entrance	excrement	fabrication
electrocution	entrant	excrecence	factorize
electrode	entree	excrete	factory
electromagnet	entrepreneur	excretion	faerie
electromagnetism	entresol	excretory	fairy
electrometer	entry	excruciating	falconry
electromotive	enumerate	execrable	familiarity
electron	enumeration	execrate	familiarize
electrophorus	environ	execration	farina

faro	forbearance	gibberish	heterodox
farrago	forehead	giraffe	heterogeneous
favorable	foreign	gladiatorial	hickory
favorite	forensic	glamorous	hierarchy
feathery	foreordain	gloria (G)	hieratic
febrile	forest	glorification	hieroglyph
February	forestry	glorify	hilarious
federal	forgery	glorious	hilarity
federate	formulary	glory	hinderance
federation	fortress	glossary	hindrance
ferocious	forum	glycerin	hippodrome
ferocity	foundry	gorilla	historian
ferule	fulcrum	gory	historic
feudatory	functionary	guarantee	history
feverish	funeral	guerilla	histrionic
fibril	funerary	gunnery	hoary
fibrin	funereal	gustatory	hombre
fibroid	furor	guttural	honorable
fibrous	furious	gyrate	honorary
fiduciary	furtherance	gyration	hooray
fiery	fury	gyroscope	horizon
figurative	futurist	hairy	horizontal
figurine	futurity	hankering	horoscope
filigree	gallantry	harangue	horsd'oeuvre
filtration	gallery	harass	horticultural
finery	gangrene	harborage	horticulturist
fingering	garage	harem	hosiery
fishery	garish	harumscarum	hostelry
flagrant	gastronomy	hatchery	hour
flatterer	gastropod	hatred	housewifery
flattery	gathering	hearer	humanitarian
flavoring	gearing	hegira	humerus
flooring	genera	heiress	humorist
flora (F)	general	heliotrope	humorous
Florence	generality	Henry	hundred
florid	generalization	herald	hungry
florin	generalize	heraldic	huntress
florist	generate	heraldry	husbandry
flourish	generation	herbarium	hybrid
floury	generic	herbivorous	hydra
floweret	generosity	hereditary	hydrangea
flowery	generous	heredity	hydrant
fluorescence	genre	heresy	hydrate
fluoride	gentry	heretic	hydraulic
fluorine	geographer	heretical	hydride
folderol	geographic	heritable	hydrocarbon
foolery	geography	heritage	hydrochloric
foppery	geometric	hermaphrodite	hydrocyanic
forage	geometry	hero	hydroelectric
foraminifera	geranium	heroic	hydrofluoric
foray	gerund	heron	hydrogen

hydrographic	inauguration	instrumental	January
hydroid	incarcerate	insufferable	jeeringly
hydrometer	incarceration	insuperable	jewelry
hydrophobia	incendiari <u>s</u> m	insurance	jinricksha
hydroscopic	incendiary	integral	jinrikisha
hydrostatic	incinerate	integrate	jittery
hydroxide	incommensurable	integration	jobbery
hydroxyl	incoherence	integrity	jocularity
hydrozoan	incongruity	interact	judiciary
hygrometer	incongruous	interaction	jugglery
hymenoptera	increase	interest	juridical
hyperborean	increment	interference	jurisdiction
hypocondriac	incriminate	interim	jurisprudence
hypocrisy	incrustation	interior	jurist
hypocrite	incumbrance	interlocutory	jury
hysteria	indoctrinate	intermediary	kangaroo
hysteric	industrial	interpret	kerosene
ichthyosaurus	industrious	interpretation	kilogram
idiesyncrasy	industry	interrogatory	kilogramme
idolatrous	inebriate	interurban	kindred
idolatry	inebriety	intolerable	knavery
ignoramus	inexorable	intolerance	knighterran <u>tr</u> y
ignorance	inextricable	intrepid	kohlrabi
ignorant	infantry	intrepidity	kraal
illiterate	inference	intricacy	krone
illusory	inferential	intricate	laboratory
illustrate	inferior	intrinsic	laborious
illustrious	inferiority	introduce	labyrinth
imagery	infirm <u>ar</u> y	introduction	lacerate
imaginary	inflammatory	introductory	lachrymal
imbricate	infrared	introspection	lacrosse
imbroglia	infuriate	int <u>ro</u> vert	lamprey
imbrue	ingratiate	intrude	languorous
immigrant	ingredient	intrusion	lapidary
immigrate	ingress	intrust	lares
immigration	inherent	invariable	lariat
imperative	inherit	inveterate	larynx
imperial	injurious	invigorate	lateral
imperious	injury	invulnerable	latitudinarian
impoverish	innumerable	irate	latrine
imprecation	inquir <u>er</u>	iridescence	laudatory
impregnable	inquiry	iris	laundress
impregnate	inquisitorial	ironic	laundry
impregnation	inscription	ironical	laureate
impresario	inscrutable	irony	laurel
impression	insectivorous	iterate	lavatory
impressive	inspiration	itinerant	lazaretto
impromptu	inspir <u>er</u>	itinerary	leathery
improvisation	instruct	ivory	lecherous
improvise	instruction	janissary	lecturer
inaugurate	instrument	janizary	legendary

legionary	maelstrom	mattress	migratory
leprosy	maestro	maturity	militarism
leptous	magisterial	maverick	militarization
lettering	magistracy	maxillary	military
leverage	magistrate	mayoralty	millinery
leveret	maharaja	measurable	milreis
lexicography	majority	mediocrity	mimicry
liberal	malaria	medullary	minaret
liberality	mammary	membrane	mineral
liberate	managerial	membranous	mineralogy
liberation	mandarin	memorandum	ministerial
librarian	mandatory	memorial	ministrant
library	mandragora	memorize	ministration
libretto	mangrove	memory	ministry
limerick	manicurist	menagerie	minority
lingerie	mannerism	menstruation	minstrel
liquorice	manorial	mensuration	miracle
lira	manufactory	mercenary	miraculous
lire	manufacturer	mercerize	mirage
literal	manuscript	mercurial	miry
literary	marabou	mercury	misanthropic
literate	maraschino	meretricious	misanthropy
literate	marathon	meridian	miscreant
littoral	marauder	meringue	miserable
liveried	margarine	merino	miserere
livery	margrave	merit	misericord
logarithm	marguerite (M)	meritorious	misery
loiterer	marigold	mesmeric	missionary
lottery	marinade	mesmerism	mistress
lubricant	marinate	metalliferous	mockery
lubricate	marine	metaphorical	moderate
lubrication	mariner	meteoric	moderation
lucrative	marionette	meteorite	moire
lucubration	marish	meteorological	momentarily
ludicrous	maritime	meteorology	momentary
lugubrious	marjoram	metric	monastery
lumbering	marmoreal	metropolis	monetary
luminary	maroon	metronome	mongrel
lurid	marquetry	metropolitan	monogram
lustrous	Mary	microcosm	monstrosity
luxuriant	mascara	microbe	monstrous
luxurious	masonry	micrometer	moorings
luxury	masquerade	microorganism	moraine
lyric	mastery	microphone	moral
macaroni	material	microscope	morale
macaroon	materialize	microscopic	morality
machinery	matrimony	midriff	morass
mackerel	matriculate	midwifery	moratorium
madras	matriculation	migrant	moribund
madrigal	matrix	migrate	morion
	matron	migration	morocco (M)

moron	nostril	opprobrium	parable
morose	nostrum	oracle	parabola
mortuary	notary	oracular	parabolic
motorist	notoriety	orang	parachute
multifarious	notorious	orange	parade
mummery	notre	orate	paradigm
mural	nourish	oration	paradise
murderer	nugatory	orator	paradox
murderess	numeral	oratorical	paraffin
murderous	numerator	oratorio	paragon
musketry	numerical	oratory	paragraph
myriad	numerous	orchestra	parallax
mysterious	nunnery	orchestral	parallel
mystery	nursery	orchestration	parallelogram
napery	nutrient	ordinary	paralysis
nares	nutriment	oread	paralyze
natron	nutrition	oriel	paralytic
natural	nutritive	orientation	paramount
naturalize	obdurate	orifice	paramour
necessary	obduracy	origin	parapet
necromancy	obituary	original	paraphernalia
necropolis	obligatory	originate	paraphrase
necrosis	obliterate	oriole	parasite
nectareous	obscurity	orison	parasitic
nectarine	observatory	ornery	parasol
nefarious	obstetric	orthographic	parent
Negress	obstetrician	orthography	parental
Negro	obstreperous	oryx	parenthesis
neighboring	obstruct	osprey	parenthetical
nephridium	obstruction	ostracism	pariah
nephritis	obtrude	ostracize	parietal
neroid	octogenarian	ostrich	Paris
neuralgia	octroi	outlawry	parish
neurasthenia	odoriferous	outrageous	parishioner
neurasthenic	odorous	ovarian	parity
neuritis	offering	ovary	parliamentary
neuron	okra	padre	parliamentarian
neurosis	olfactory	padrone	parochial
neurotic	omnipresence	pageantry	parody
neutral	omnivorous	palfrey	parole
neutrality	onerous	palmistry	paroxysm
neutralize	opera	paltry	particularity
nitrate	operate	pancreas	particularize
nitric	operatic	pancreatic	partridge
nitrogen	operation	panegyric	parturition
nitrification	operative	panorama	passementerie
nitrogenous	operetta	pantry	pasteurize
nitroglycerin	oppress	papery	pastoral
nitrous	oppression	papillary	pastorate
nondescript	opprobrious	paprika	pastry
nonpareil	opprobrious	papyrus	pasturage

patriarch	perish	plagiarize	purification
patrician	peristalsis	planetary	purify
patrimony	peritoneal	plasterer	puritan (P)
patriot	peritonitis	plastering	purity
patriotic	periwig	plastron	putrefaction
patristic	periwinkle	pleasantry	putrefy
patrol	perjury	pleasurable	putrid
patron	peroration	plectrum	pyramid
patronize	peroxide	plenary	pyramidal
patroon	perpetrate	plenipotentiary	pyriform
pauperism	perpetration	plethora	pyrites
pauperize	perseverance	plethoric	quackery
peasantry	perspiration	pleura	quadrangle
peccary	perusal	pleurisy	quadrangular
pectoral	peruse	plunderer	quadrant
pecuniary	pestiferous	plural	quadrante
pedantry	petrel	plurality	quadratic
pedestrian	petrification	plutocrat	quadrature
pedigree	petrify	poetry	quadrennial
peerage	petrol	polarity	quadrilateral
peeress	petroleum	polarize	quadrille
pellagra	phantasmagoria	poltroon	quadruped
peltry	pharisaical	polyandry	quadruple
penetrate	pharisee	pomegranate	quandary
penetration	pharyngeal	ponderous	quarantine
penitentiary	pharynx	popery	quaternary
penurious	philanthropic	popularity	quatrain
pemury	philanthropy	popularize	querulous
peppery	phosphorescence	pornography	query
perambulate	phosphoric	porosity	quorum
perambulation	phosphorous	porous	radiography
peregrination	phosphorus	porphyry	railery
peregrine	photographic	portrait	rancorous
peremptory	photography	portraiture	rapturous
perennial	phrase	portray	rarefy
perforate	phraseology	portress	reactionary
perforation	phrenology	posterior	recalcitrant
perfumery	phylactery	posterity	reciprocal
perfunctory	physiographic	pottery	reciprocate
peri	physiography	poulterer	reciprocation
pericardium	pickerel	poultry	reciprocity
perihelion	pictorial	powdery	recovery
peril	picturesque	psaltery	recreant
perilous	pilgrim (P)	psychiatry	recreation
perimeter	pillory	pterodactyl	recrimination
period	piracy	puerile	recrudescence
periodic	pirate	puerility	recruit
periodicity	piratical	pulmonary	rectory
peripatetic	pirouette	pulverize	recuperate
periphery	pituitary	puree	recuperation
periscope	plagiarism	purgatory	refectory

referee	retract	salary	scrim
reference	retreat	saleratus	scrimmage
referendum	retribution	salivary	scrimp
refinery	retrieve	salubrious	scrip
reformatory	retrograde	salutary	script
refract	retrogression	samara	scriptural
refraction	retrospect	samurai	scripture
refractory	retrospection	sanatorium	scrivener
refrain	retrousse	sanctuary	scrofula
refrangible	revelry	sanguinary	scroll
refrigerate	reverberate	sanitarium	scrub
refrigeration	reverberation	sanitary	scruff
registr <u>ar</u>	reverence	saprophyte	scruple
registr <u>ation</u>	reverend (R)	sarsaparilla	scrupulosity
registry	reverential	sartorial	scrupulous
regress	reverie	sassafras	scrutinize
regret	reversionary	satiric	scrutiny
regularity	revery	satirize	scullery
regularize	revolutionary	satisfactorily	secondary
reiterate	rhetoric	satisfactory	secrecy
remonstrance	rhetorical	satrap	secret
remonstrate	rhetorician	saturate	secretary
remunerate	rhinoceros	saturation	secrete
remuneration	rhododendron	sauerkraut	secretion
repairer	ribaldry	saurian	sectarian
reparation	riffraff	savagery	sectary
repertory	rigmarole	savory	secularization
repository	rigorous	saxifrage	security
reprehend	rivalry	scarab	sedentary
reprehensible	robbery	scary	sedimentary
represent	roguery	scenario	segregate
representation	rookery	scenery	segregation
repression	rosary	sclerotic	seminary
reprieve	rostrum	scoria	sempstress
reprimand	rotary	scoundrel	senatorial
reprisal	rotatory	scrabble	seniority
reproach	rotogravure	scrag	senora
reprobate	rubberize	scraggly	senorita
reprobation	rubric	scram	sensory
residuary	rudimentary	scramble	sentry
respiration	rural	scrap	separate
respiratory	saccharine	scrape	separation
restaurant	sacrament	scratch	sepulchral
restaurateur	sacramental	scrawl	sequesterate
restoration	sacred	scrawny	sequestration
restorative	sacrifice	scream	seraglio
restorer	sacrificial	screech	seraph
restrain	sacrilege	screen	seraphic
restriction	sacristan	screw	seraphim
retaliatory	sacrosanct	scribble	serenade
retiring	saffron	scribe	serene

serenity	slanderer	sprint	street
serial	slanderous	sprit	strength
series	slavery	sprite	strenuous
serious	slippery	sprocket	stress
serous	slumberous	sprout	stretch
serum	smattering	spruce	strew
several	smithereens	sprung	striated
severance	sobriety	spry	stricken
severity	sobriquet	spurious	strict
sewerage	soiree	squadron	stricture
sharer	soldiery	stammerer	stride
shearer	solidarity	starrer	stridulate
sheldrake	solitary	stationary	strife
sheriff	sombrero	stationery	strike
shimmery	sonorous	statuary	string
shivery	sophistry	statutory	stringent
showery	soporific	stearin	strip
shrank	soprano	steerage	stripe
shrapnel	sorcerer	stenographer	striven
shred	sorcery	stenographic	strode
shrew	sorority	stentorian	stroke
shrewd	soubrette	stereoscope	stroll
shriek	sovereign	stereotype	strong
shrieve	soveran	sterile	strop
shrift	sparing	sterility	strophe
shrike	spectral	sterilization	strove
shrill	spectroscope	sterilize	struck
shrimp	spectrum	storage	structural
shrine	spherical	story	structure
shrink	spheroid	straddle	struggle
shrive	spidery	straggle	strum
shrivel	spinneret	straight	strumpet
shriven	spiracle	strain	strung
shroud	spirit	strait	strut
shrub	spiritual	strand	strychnin
shrubbery	spirituality	strange	sublunary
shrug	spiritualize	stranger	subscribe
shrunk	spirometer	strangle	subscription
sidereal	sporadic	strangulation	subsidiary
signatory	sporangia	strap	subtract
signora	sprain	strata	subtraction
signore	sprang	strategic	subtrahend
signorina	sprat	strategy	sucrose
signory	sprawl	stratification	sufferance
silvery	spray	stratify	sufferer
similarity	spread	stratum	suffering
sincerity	spree	stratus	suffragan
singularity	sprig	straw	suffrage
siren	sprightly	stray	suffragette
sirocco	spring	streak	sugary
sirup	sprinkle	stream	sulphureous

sulphureted	tapestry	threshold	typographical
sulphuric	tarantula	threw	tyrannical
sulphurous	tariff	thrice	tyranny
sultry	taro	thrift	tyrant
summarize	tartaric	thrill	tyro
summary	tartrate	thrive	ulcerate
sumptuary	tawdry	thro	ulterior
sundry	technocracy	throat	ultra
superabundance	technocrat	throb	umbra
superabundant	telegram	throe	umbrage
supereminent	telegraph	throne	umbrageous
superimpose	telegrapher	throng	umbrella
superincumbent	tellurium	thrustle	unalterable
superinduce	temerity	throttle	unburied
superintend	tempera	through	unconquerable
superintendent	temperament	throve	underestimate
superior	temperance	throw	undulatory
superiority	temperate	thru	unfaltering
supernumerary	temperature	thrum	unruly
superscription	temporal	thrush	untiring
supervisory	temporary	thrust	unutterable
supplementary	temporary	thunderer	unwavering
suppository	temporize	thunderous	upholsterer
suppress	temptress	thyroid	upholstery
suppression	tenantry	tiara	uproarious
supra	tendrils	tigerish	uranium
suppuration	terrestrial	tilbury	urea
supremacy	territory	tigress	urethra
supreme	terrorism	timbering	uric
surety	terrorize	timbre	urinary
surgery	tertiary	timorous	urine
surprise	testamentary	tirade	usurer
superadd	theatrical	tolerable	usurious
superannuated	theocracy	tolerance	usury
suzerain	theorem	tolerate	uterus
swimmeret	theoretical	toleration	utilitarian
sybarite	theorize	tomfoolery	utterance
symmetrical	theory	topographical	vagary
symmetry	therapeutic	topography	vagrant
synchronize	therapy	toreador	valedictory
syringe	thesaurus	torturer	valerian
syrinx	thievery	torturous	valorous
syrup	thoracic	tory	vaporization
taboret	thorough	tourist	vaporize
taffrail	thrall	towering	vaporous
tailoring	thrash	tuberos	vapory
tamarind	thread	tumbrel	vaquero
tambourine	threat	tumultuary	variable
tangerine	three	tundra	variability
tannery	threepence	tureen	variance
tantrum	thresh	tutelary	variation

variegate	vertebrate	virus	walrus
variety	very	viscera	wanderer
various	vestry	visionary	wary
vary	veteran	vitreous	watery
veery	veterinarian	vitriol	waverer
vegetarian	veterinary	vituperation	wearer
venerate	vibrant	viviparous	weary
vereneration	vibrate	vocabulary	weathering
venereal	vibration	vociferate	whiffletree
venery	vibratory	vociferation	wintry
ventral	vicarage	vociferous	wiring
ventricle	vicarious	volumetric	wiry
ventriloquist	viceroy	voluntarily	wisteria
venturous	victoria (V)	voluntary	witchery
veracity	victory	voluptuary	wizardry
veranda	victrola	voracious	wolverine
verdigris	vigorous	voracity	wondrous
verdurous	viosterol	votary	yeomanry
verification	virago	vrouw	yestereve
verify	vireo	vulgarism	zebra
verisimilitude	virile	vulgarity	zero
veritable	virility	vulgarize	
verity	virulence	vulnerable	
vertebra	virulent	waitress	

32.1c r finally in a syllable or syllabic cluster is treated as follows:

1. r after a, finally or before another consonant, in stressed syllables is pronounced in GA and omitted in S and E, as in tar [tar, ta:], hard [hard, ha:d]. For complete list of words with r after a in stressed syllables, see section 5.5.

2. r after e, ea, eu, i, ou, u, y, finally or before another consonant, in stressed syllables becomes [ɜ] in GA and [ɜ] in S and E, as in her [hɜ, hɜ], fern [fɜn, fɜn], earn [ɜn, ɜn], fleurdelis ['flɜdɛli, 'flɛdɛli], fir [fɜ, fɜ], journey [dʒɜni, dʒɜni], curl [kɜl, kɜl], myrtle [mɜtl, mɜtl]. For complete lists of words with these spellings, see section 11.

3. r after o finally or before another consonant, in stressed syllables is always pronounced by GA and either omitted or a [ə] substituted by S and E. If the o is in words which are pronounced [ɔ], then the r is usually omitted, as in corn [kɔrn, kɔ:n]. For complete list of these words, see section 6.1.²

²Kurath, Linguistic Atlas of New England, I, 11.

If the o is in words which are pronounced [ou] or [ɔ], then [ə] is used, as in port [pɔət].³ For complete list of these words, see section 14.6.

If the or is in words following w, then it is rounded to [ɜ, ɜ], as in worm [wɜm, wɜm]. For these words, see section 11.7.

4. r after orthographic vowel combinations pronounced [ɪ], [ɛ], [æ], [ɑ], [ʊ], [au], [aɪ], finally or before another consonant, in stressed syllables, is pronounced by GA speakers and becomes [ə] in S and E speech, as in fear [fɪr, fɪə], hire [haɪr, haɪə]. These words are listed below.

abjure	byre	cure	fire
acquire	cairn	*curvature	flair
adhere	carabineer	cynosure	flare
adjure	carabinier	dear	fleer
admire	care	debonair	flower
affair	career	deer	frere
air	cashier	demure	frontier
*amateur	cashmere	desire	fusileer
ameer	cavalier	despair	gazetteer
amir	chair	devoir	gear
appear	chandelier	dinosaur	glair
arrears	chanticleer	dire	glare
aspire	charioteer	doctrinaire	gondolier
assure	cheer	domineer	*grandeur
atmosphere	chevalier	drear	grenadier
attire	chiffonier	ear	hare
suctioneer	choir	eclair	hear
austere	clairvoyant	emir	heir
bairn	clear	empire	here
bandolier	coheir	endure	hire
bare	cohere	engineer	immure
bear	coiffure	enquire	inquire
beard	commandeer	entire	inspire
beer	commisure	epicure	insure
beware	compare	escritoire	interfere
bier	compeer	esquire	jeer
blare	concessionaire	*expenditure	lair
blear	confrere	expire	laird
boutonniere	*conjure	fair	laissezfaire
brassiere	conservatoire	fear	leer
brigadier	conspire	fierce	*ligature
buccaneer	cuirassier	financier	*literature

³Ibid., p. 54.

lure	perspire	satire	sure
lyre	pier	savoirfaire	sware
manicure	pioneer	scare	swear
manure	pismire	scar	tare
mare	prayer	secure	tear
mature	*premature	seer	tenure
meerschau	premier	seersucker	their
memoir	prepare	sere	there
mere	privateer	severe	they're
millionaire	procure	share	tier
mire	profiteer	shear	tire
mohair	pure	sheer	tower
noire	pyre	shire	transpire
mountaineer	*quadrature	shower	tuyere
muleteer	quagmire	sincere	umpire
musketeeer	queer	sinecure	vampire
mutineer	questionnaire	sire	veer
mynheer	quire	smear	veneer
near	racketeer	snare	vizier
nervure	rare	sneer	volunteer
nirvana	rear	solitaire	wear
obscure	repair	souvenir	weir
*overture	require	spare	weird
pair	reservoir	spear	welfare
pamphleteer	respire	sphere	were
pare	retire	spire	we're
pear	revere	squire	where
peer	*rotogravure	stair	wire
pere	samphire	stare	year
persevere	sapphire	steer	ye're

32.1d r after a vowel, final in the syllable or before another consonant, in an unstressed syllable becomes [ə] in GA and [ə] in S and E, as in runner [ranə, rane]. For complete lists of words with r after the various orthographic vowels, see section 17.

32.1e r after a vowel, final or followed by silent e, preceding a word beginning with another vowel is pronounced in all regions, as in hereupon [hirepon].

brotherinlaw	forever	overeat	thereupon
clearout	hereabout	sisterinlaw	whereabout
daughterinlaw	hereafter	thereabouts	whereas
earache	herein	thereafter	whereat
faraway	hereof	thereas	wherein
faroff	hereupon	thereat	whereof
fatherinlaw	hereinto	therein	whereon
firearm	hereon	thereof	whereunto
forasmuch	moreover	thereon	whereupon
foreandaft	overall	thereunder	wherever
forearm	overalls	thereunto	

32.2 r initially before silent h.

rhapsody	rhetorician	rhinoceros	rhythm
rhea	rheum	rhodium	rhythmic
rheostat	rheumatic	rhododendron	
rhetoric	rhinestone	rhubarb	
rhetorical	rhino	rhyme	

32.3 r after silent w in initial position.

wrack	wreck	wright (W)	written
wraith	wren	wring	wrong
wrangle	wrench	wrinkle	wrote
wrap	wrest	wrist	wroth
wrath	wrestle	writ	wrought
wreak	wretch	write	wrung
wreath	wriggle	writhe	wry

32.4 rr when intervocalic, as in barrack [bærək]. rr after o, u, and occasionally i and e in a few words is pronounced [ɜ] in GA. See section 11.9 For these words.

aberration	carrión	*curry	guerrilla
abhorrence	carrot	daguerreotype	harridan
arraign	carrousel	derrick	harrier
arrange	carry	deterrent	harrow
arrant	catarrhal	diarrhea	harry (H)
arras	cherry	embarrass	hemorrhage
array	cirrus	equerry	herring
arrears	*concurrence	errand	horrible
arrest	corral	errant	horrid
arrival	correct	erratic	horrify
arrive	correction	erroneous	horror
arrogance	correlate	error	hurrah
arrogate	correlation	farrier	hurray
arrow	correlative	farrow	*hurricane
arrowy	correspond	ferret	*hurried
arroyo	correspondence	ferric	*hurry
barrack	corridor	ferrous	incorrigible
barrage	corroborate	ferrule	insurrection
barrel	corroboration	ferry	interregnum
barren	corrode	*furrier	interrelation
barrette	corrosion	*furring	interrogate
barrier	corrosive	*furrow	interrogative
barrister	corrugate	*furry	interrogation
barrow	corrugation	garret	interrogatory
berry	corrupt	garrison	interrupt
burro	corruption	garrulity	interruption
burrow	cranberry	garrulity	irradiate
carriage	*curricule	garrulous	irrational
carrier	curriculum	gerrymander	irreclaimable

irreconcilable	irreversible	potpourri	tarragon
irrecoverable	irrevocable	pyorrhea	tarry
irredeemable	irrigable	quarrel	terrace
irreducible	irrigate	quarry	terracotta
irrefragable	irritability	*recurrence	terrain
irrefragable	irritable	resurrect	terrapin
irregular	irritate	resurrection	terrazzo
irregularly	irruption	*scurrilous	terrestrial
irregularity	knighterrant	*scurry	terrible
irrelevance	lorry	serrate	terrier
irrelevant	marriage	serried	terrific
irreligion	married	sherry	terrify
irreligious	marrow	sierra	territory
irremediable	marry	sirrah	terror
irreparable	merry	sorrel	terrorize
irreparable	mirror	sorrow	tomorrow
irrepressible	morris	sorry	torrent
irreproachable	morrow	sparrow	torrid
irresistible	murrain	*squirrel	*turret
irresistibly	narrate	starry	unerring
irresolute	narration	*stirring	warrant
irresolutely	narrative	*stirrup	warren (W)
irresolution	narrow	subterranean	warrior
irrespective	*occurrence	subterraneous	wherry
irresponsibility	parrot	surrender	worry
irresponsible	parry	*surreptitious	yarrow
irretrievable	parterre	*surrey	
irreverence	porridge	*surrogate	
irreverent	porringer	surround	

33. THE SOUND [s]

The spellings of [s] are:

1. s wherever found, except as below.
2. ss wherever found, except as below.
3. c before the vowels e, i, and y.
4. sc before the vowels e, i, and y.
5. s in [ks] as a pronunciation of x, except as below.
6. es in the plurals of nouns and inflected verb-forms after the voiceless consonants [p], [t], [k], and [θ].
7. z after i or another z containing the sound of [t].

Note: For other pronunciations of spellings of s, see:

1. s and ss before the unstressed ending ion, sections 34.4 and 36.4.
2. c before ion, ia, eous, iOUS, sections 34.3 and 36.4.
3. s before u in an unstressed syllable and in a few stressed syllables, section 34.7.
4. s in sh, section 34.1.
5. x in unstressed prefix ex, section 43.5a, or final in the plural form of French words, section 43.5b.
6. c before a, o, u and before consonants, section 26.
7. Silent s, section 33.8.

The distribution of [s] in English words is as follows:

A. [s] alone.

1. Initially in syllables, as in seen [sin], fancy ['fæntsi].
2. Finally in syllables, as in this [ðis], asbestos [æs'bestes].

B. In phonetic clusters.

1. Initially, as in

- a. [sk] - skip [skip]
- b. [skr] - scrape [skreɪp]
- c. [sl] - slow [sləʊ]
- d. [sm] - smooth [smuð]
- e. [sn] - sneak [sni:k]
- f. [sp] - spin [spɪn]
- g. [spr] - spring [sprɪŋ]
- h. [skw] - squeak [skwi:k]

- i. [st] - step [step]
- j. [str] - strike [straɪk]
- k. [sw] - swing [swɪŋ]
- l. [skl] - sclerotic [skle'ratɪk, skle'rotɪk]

2. Finally, as in

- a. [ts] - bats [bæts]
- b. [sts] - costs [kɒsts]
- c. [ps] - keeps [ki:ps]
- d. [sps] - wisps [wɪspz]
- e. [spt] - rasped [ræspɪt]
- f. [pst] - collapsed [kə'ləpst]
- g. [ks] - walks [wɔ:ks]
- h. [skz] - risks [rɪks]
- i. [skt] - frisked [frɪskt]
- j. [kst] - text [tekst]
- k. [rks] - forks [fɔ:ks, fɔ:ks]
- l. [ŋks] - banks [bæŋks]
- m. [ŋkst] - amongst [ə'mʌŋkst]
- n. [lks] - sulks [sɔ:ks]
- o. [lst] - whilst [maɪlst]
- p. [lts] - melts [melts]
- q. [lps] - helps [helps]
- r. [dst] - didst [dɪdst]
- s. [fts] - crafts [kræfts]
- t. [rfs] - scarfs [skɑ:fs, ska:fs]
- u. [rps] - harps [hɑ:ps, ha:ps]
- v. [nts] - once [wʌnts]
- w. [mps] - bumps [bʌmps]
- x. [ntst] - rinsed [rɪntst]
- y. [mpst] - glimpsed [glɪmpst]
- z. [rs] - indorse [ɪn'dɔ:rs, ɪn'do:rs]
- aa. [rst] - indorsed [ɪn'dɔ:rst, ɪn'do:rst]
- bb. [rts] - carts [kɑ:ts, kɑ:ts]

Words with [s] are grouped for practice as follows:

33.1a s initially before vowels in words, as in sun [sʌn].

sabbatical	sachem	sacrificial	sag
saber	sachet	sacrilege	saga
sable	sack	sacristan	sagacious
sabot	sacque	sacrosanct	sagacity
sabotage	sacrament	sad	sagamore
sac	sacramental	sadism	sage
saccharine	sacred	safe	sago
sacerdotal	sacrifice	saffron	sahib

said	sanctum	saucer	sedge
sail	sand	saucy	sediment
saint	sandal	sauerkraut	sedimentary
saith	sandwich	saunter	sedition
sake	sane	saurian	seduce
sal	sang	sausage	seduction
salaam	sanguine	saute	sedulous
salable	sanguinary	sauterne	sedum
salacious	sanitarium	savage	see
salad	sanitary	savant	seed
salamander	sanitation	save	seek
salary	sanity	savior	seem
sale	sank	savoirfaire	seen
saleratus	sans	savor	seep
salicylic	sap	savoy	seer
salient	sapient	saw	seersucker
saline	saponification	sawyer	seethe
saliva	sapphire	saxifrage	segment
salivary	saprophyte	saxophone	segmentation
sallow	sarcasm	say	segmental
sally (S)	sarcastic	sea	segregate
salmagundi	sarcophagus	seal	segregation
salmon	sardine	seam	seigneur
salon	sardonic	seamstress	seine (S)
saloon	sarsaparilla	seance	seismic
salsify	sartorial	sear	seize
salt	sash	search	seizure
salubrious	sassafras	season	seldom
salutary	sat	seat	select
salutation	satan (S)	sebaceous	selection
salute	satanic	secede	selenium
salvage	satchel	secession	self
salvation	sate	seclude	selfish
salve	sateen	seclusion	sell
salver	satellite	second	seltzer
salvia	satiated	secrecy	selvage
salvo	satiety	secret	selves
samara	satin	secretary	semaphore
same	satire	secrete	semblance
samite	satiric	secretion	semester
sampan	satirize	secretive	semiannual
samphire	satisfaction	sect	semiarid
sample	satisfactory	sectarian	semicircle
samurai	satisfy	section	semicircular
sanatorium	satrap	secular	semicolon
sanctification	saturate	secure	semiconscious
sanctify	saturation	security	semifinal
sanctimonious	Saturday	sedan	semilunar
sanction	saturnine	sedate	seminal
sanctity	satyr	sedative	seminary
sanctuary	sauce	sedentary	semiofficial

semiprecious	sequence	sextant	simony
semitone	sequester	sextet	simoom
semitropical	sequestrate	sexton	simp
semolina	sequestration	sexual	simper
sempiternal	sequin	si	simple
sempstress	sequoia	sibilant	simplicity
sen	seraglio	sibyl (S)	simplification
sendal	seraph	sic	simplify
senate	seraphic	sick	simply
senator	seraphim	sickle	simulate
senatorial	sere	side	simulation
send	serenade	sidereal	simultaneous
seneschal	serene	sidle	sin
senile	serenity	siecle	since
senility	serf	siege	sincere
senior	serge	sierra	sincerity
seniority	sergeant	siesta	sine
senna	serial	sieve	sinecure
sennight	series	sift	sinew
senor	serious	sigh	sing
senora	sermon	sight	singe
senorita	serous	sigma	single
sensation	serpent	sign	singular
sense	serrate	signal	sinister
sensibility	serried	signature	sink
sensible	serum	signet	sinuous
sensitive	servant	significance	sinus
sensitivity	serve	significant	sip
sensitize	service	signification	siphon
sensory	servile	signify	sir
sensual	servility	signor	sirdar
sensuous	servitude	silage	sire
sent	sesame	silence	sirocco
sentence	sessile	silent	sirrah
sententious	session	silhouette	sirup
sentient	set	silica	sis
sentiment	settee	siliceous	sisal
sentimental	settle	silicon	sissy
sentinel	seven	silk	sister
sentry	seventeen	sill	sit
sepal	seventy	silly	site
separate	sever	silo	sith
separation	several	silt	situate
sepia	severance	silva	situation
September	severe	silver	six
septic	severity	simian	sixteen
septum	sew	similar	sixty
sepulcher	sewage	similarity	size
sepulchral	sewer	simile	sizzle
sepulture	sewerage	similitude	so
sequel	sex	simmer	soak

soap	solubility	souse	subversion
soar	soluble	soutache	subversive
sob	solute	south	subvert
sober	solution	southerly	subway
sobriety	solve	southern	succeed
sobriquet	solvent	souwester	success
soccer	soma	souvenir	succession
sociability	somber	sovereign	successive
sociable	sombrero	soviet	succinct
social	some	sovrän	succor
socialization	somersault	sow	suctotash
socialize	somnolence	soy	succulent
society	son	sub	succumb
sociological	sonata	subaltern	such
sociology	song	subclavian	suck
sock	sonnet	subdue	suckle
socket	sonorous	subject	sucrose
sod	soon	subjection	suction
soda	soot	subjugate	sudden
sodden	sooth	subjugation	suds
soft	soothe	subjunctive	sue
soften	sop	sublimate	suede
soggy	sophist	sublimation	suet
soil	sophisticated	sublime	suffer
soiree	sophistication	submission	sufferance
sojourn	sophomore	subordinate	suffice
sol	soporific	subordination	sufficiency
solace	soprano	suborn	sufficient
solar	sorcery	subpoena	suffix
sold	sordid	subscribe	suffocate
solder	sore	subscription	suffocate
soldier	sorghum	subsequent	suffocation
sole	sorority	subsidence	suffragan
solecism	sorrel	subsidiary	suffrage
solemn	sorrow	subsidize	suffragette
solemnity	sorry	subsidy	suffuse
solemnize	sort	subsist	suffusion
solicit	sortie	subsistence	suggest
solicitation	sot	substance	suggestion
solicitude	sou	substantial	suicidal
solid	soubrette	substitute	suicide
solidarity	sodium	substitution	suit
solidification	sofa	subterfuge	suite
solidify	souffle	subterranean	suitor
soliloquy	sough	subtle	sulfur
solitaire	sought	subtract	sulk
solitary	soul	subtraction	sullen
solitude	sound	subtrahend	sully
solo	soup	suburb	sulphate
solstice	sour	suburban	sulphide
solstitial	source	subvention	sulphur

sulphureous	superscription	surmount	symbolic
sulphureted	supersede	surname	symbolise
sulphuric	superstition	surpass	symmetrical
sultan	superstitious	surplice	symmetry
sultana	supervene	surplus	sympathetic
sultry	supervise	surprise	sympathize
sum	supervision	surrender	sympathy
sumac	supine	surreptitious	symphonic
summa	supper	surrey	symphony
summarize	supplant	surrogate	symposium
summary	supple	surround	symptom
summation	supplement	surtax	synagogue
summer (S)	suppliant	surtout	synchronize
summit	supplicate	surveillance	syncopate
summon	supplication	survey	syncopation
sumpter	supply	survive	syndic
sumptuous	support	susceptibility	syndicalism
sun	suppose	susceptible	syndicate
sundae	supposition	suspect	syne
Sunday	suppository	suspend	synod
sunder	suppress	suspense	synonym
sundry	suppression	suspension	synonymous
sung	supra	suspicion	synopsis
sunk	suppuration	suspicious	syntax
sup	supremacy	sustain	synthesis
super	supreme	sustenance	synthetic
superb	surcease	suture	syphilis
supercilious	surcharge	suzerain	syphilitic
superficial	surcingle	sybarite	syringe
superfluity	surcoat	sycamore	syrinx
superfluous	surf	sycophant	syrup
superintend	surface	syenite	system
superintendent	surfeit	syllable	systematic
superior	surge	syllogism	systemic
superiority	surgeon	sylph	
superlative	surly	sylvan	
supernal	surmise	symbol	

33.1b s initially in clusters, as in spring [sprɪŋ]. For complete list of initial clusters, see introduction to this section. (W is silent after s in the word sword.)

scab	scan	scarf	schedule
scabbard	scandal	scarlatina	schematic
scaffold	scandalize	scarlet	scheme
scalawag	scant	scarp	scholar
scald	scape	scary	scholastic
scale	scapular	scat	scholiast
scallop	scar	scathe	school
scalp	scarab	scatter	schooner
scalpel	scarce	scavenger	sclerotic
scamp	scare	sceptic	scoff

scold	scull	slat	slum
sconce	scullery	slate	slumber
scone	scullion	slatternly	slump
scoop	sculptor	slaughter	slung
scoot	sculpture	slave	slunk
scope	scum	slaw	slur
scopolamine	scupper	slay	slush
scorch	scurrilous	sleazy	slut
score	scurry	sled	sly
scoria	scurvy	sledge	smack
scorn	scut	sleek	small
scorpion	scuttle	sleep	smart
scot	scuteh	sleet	smash
scoundrel	scutcheon	sleeve	smattering
scour	skald	sleigh	smear
scourge	skate	sleight	smell
scout	skee	slender	smelt
scow	skein	slept	smilax
scowl	skeleton	sleuth	smile
scrabble	skeptic	slew	smirk
scrag	sketch	slice	smite
scraggly	skewer	slick	smit
scram	ski	slid	smith (S)
scramble	skid	slide	smithereens
scrap	skies	slight	smock
scrape	skiff	slim	smoke
scratch	skill	slime	smolder
scrawl	skillet	sling	smooth
scrawny	skim	slink	smote
scream	skimp	slip	smother
screech	skin	slipper	smudge
screen	skip	slit	smug
screw	skipper	slither	smuggle
scribble	skirmish	sliver	smut
scrim	skirt	slob	snack
scrimmage	skit	slobber	snaffle
scrimp	skulk	sloe	snag
scrip	skull	slogan	snail
script	skunk	sloop	snake
scripture	sky	slop	snap
scrivener	slab	slope	snare
scrofula	slack	slot	snarl
scroll	slag	sloth	snatch
scrub	slain	slouch	sneak
scruff	slake	slough	sneer
scruple	slam	sloven	sneeze
scrupulosity	slander	slow	snell
scrupulous	slang	sludge	snicker
scrutinize	slant	slug	sniff
scud	slap	sluggard	sniffle
scuffle	slash	sluice	snigger

snip	specious	spitz	spruce
snipe	speck	splash	sprung
snitch	speckle	splatter	spry
snivel	spectacle	splay	spud
snob	spectacular	spleen	spue
snoop	spectator	splendid	spume
snooze	specter	splendor	spun
snore	spectroscope	splenetic	spunk
snort	spectrum	splenic	spur
snout	speculate	splice	spurious
snow	speculation	splint	spurn
snub	sped	splinter	spurt
snuff	speech	split	sputter
snuffle	speed	splotch	sputum
snug	speedometer	splurge	spy
smuggle	spell	splutter	squab
spa	spelt	spoil	squabble
space	spencer (S)	spoke	squad
spacious	spend	spoliation	squadron
spade	spent	sponge	squalid
spaghetti	sperm	sponsor	squall
Spain	spermatozoon	spontaneity	squalor
spake	spew	spontaneous	squander
span	sphere	spoof	square
spangle	spherical	spook	squash
spaniel	spheroid	spool	squat
Spanish	sphinx	spoon	squaw
spank	spice	spoor	squawk
spar	spick	sporadic	squeak
spare	spicule	sporangia	squeal
spark	spider	spore	squeamish
sparkle	spigot	sport	squeeze
sparrow	spike	spot	squelch
sparse	spill	spouse	squib
spasm	spilt	spout	squid
spasmodic	spin	sprain	squint
spat	spinach	sprang	squire
spate	spindle	sprat	squirm
spatula	spine	sprawl	squirrel
spavin	spinet	spray	squirt
spawn	spinster	spread	stab
speak	spiracle	spree	stability
spear	spire	sprig	stabilization
special	spirit	sprightly	stabilize
specialization	spiritual	spring (S)	stable
specialize	spirituality	sprinkle	stablish
specie	spiritualize	sprint	staccato
specific	spirometer	sprit	stack
specification	spit	sprite	stadium
specify	spite	sprocket	stadtholder
specimen	spittoon	sprout	staff

stag	staunch	stimulation	stranger
stage	stave	stimulus	strangle
stagger	stay	sting	strangulation
stagnant	stead	stingy	strap
stagnate	steady	stink	strata
stagnation	steak	stint	stratagem
staid	steal	stipend	strategic
stain	stealth	stipple	strategy
stair	steam	stipulate	stratification
stake	steapsin	stipulation	stratify
stalactite	stearin	stipule	stratum
stale	steed	stir	stratus
stalk	steel	stirrup	straw
stalagmite	steenbok	stitch	stray
stall	steep	stiver	streak
stallion	steeple	stoa	stream
stalwart	steer	stoat	street
stamen	stein	stock	strength
stamina	stele	stockade	strenuous
staminate	stellar	stocking	stress
stammer	stem	stodgy	stretch
stamp	stench	stoic	strew
stampede	stencil	stoicism	striated
stance	stenographer	stoke	stricken
stanch	stenographic	stole	strict
stanchion	stentorian	stolid	stricture
stand	step	stolidity	stride
standard	steppe	stolon	strident
standardize	stereoscope	stoma	stridulate
stanhope	stereotype	stomach	strife
stanza	sterile	stomata	strike
staple	sterility	stone	string
star	sterilization	stood	stringent
starch	sterilize	stool	strip
stare	sterling	stoop	stripe
stark	stern	stop	strive
start	sternum	storage	striven
startle	stethoscope	store	strode
starvation	stevedore	stork	stroke
starve	stew	storm	stroll
state	stick	story	strong
static	stickle	stout	strop
station	stiff	stove	strophe
statistical	stifle	stow	strove
statistician	stigma	straddle	struck
statuary	stigmatize	straggle	structure
statue	stile	straight	struggle
stature	stiletto	strain	strum
status	still	strait	strumpet
statute	stilt	strand	strung
statutory	stimulate	strange	strut

strychnin	stupidity	swan	swift
stub	stupor	swank	swig
stubble	sturdy	swap	swill
stubborn	sturgeon	sward	swim
stucco	stutter	sware	swindle
stuck	sty	swarm	swine
stud	style	swart	swing
student	stylus	swarth	swipe
studio	styptic	swash	swirl
studious	suaſion	swat	swish
study	suave	swath	switch
stuff	suavity	swathe	swivel
stultify	swab	sway	swollen
stumble	swaddle	swear	sworn
stump	swag	sweat	swoon
stun	swage	sweater	swoop
stung	swagger	sweep	swore
stunt	swain	sweet	sworn
stupefaction	swale	swell	swound
stupefy	swallow	swelter	swum
stupendous	swam	swept	swung
stupid	swamp	swerve	

33.1c s in medial and final syllables, alone or in clusters, as in insect ['insekt], nests [nests]. For complete list of clusters, see introduction to this section.

For complete list of words with s in the unstressed ending ist, see section 18.20e. For s in suffixes dis, mis, see section 2.2h.

absence	acrostic	analyst	apothecosis
absent	adjust	ancestor	apprehensive
absentee	administer	ancestry	arabesque
absolute	administration	anesthesia	arbalest
abscond	adversary	anesthetic	argosy
absolve	adversity	anesthetist	aristocracy
absorb	aesthete	angiosperm	aristocrat
absorption	aesthetic	animosity	armistice
abstain	aghast	aniseed	arrest
abstemious	agnostic	anniversary	arsenal
abstention	almost	anonymous	arsenate
abstinence	altruistic	answer	arsenic
abstract	amanuensis	antiseptic	arsenical
absurd	amethyst	antithesis	arsenious
absurdity	amnesty	apocalypse	arson
accost	amongst	apostasy	arteriosclerosis
accursed	amylopsin	apostate	artiste
accustom	anaesthesia	apostle (A)	artistic
acidosis	anaesthetize	apostolic	asafetida
acoustic	analysis	apostrophe	asbestos

ascot	auspicious	biscuit	casing
ascribe	austere	bisect	casino
ascription	austerity	bisque	cask
aseptic	autopsy	blaspheme	casket
asinine	awesome	blasphemous	casque
ask	ballast	blasphemy	cast
askew	ballista	blast	castanets
asp	balsam	blest	caste
asparagus	baluster	blister	castellated
aspect	balustrade	blithesome	castigate
asperity	banister	bluster	castigation
asperse	baptistry	boast	castle
aspersions	barrister	boatswain	castor
asphalt	basal	bolster	castrate
asphaltum	basalt	bombast	casuistry
asphodel	bases	boost	catastrophe
asphyxiate	basic	bosky	catastrophic
asphyxiation	basilica	bos'n	*catsup
aspic	basin	bosun	caustic
aspirant	basis	botanist	celestial
aspiration	bask	bothersom	censer
aspirator	basket	bowsprit	ensor
aspire	*basrelief	breakfast	ensorious
aspirin	bast	breast	census
assist	bastard	brisk	chanson
aster	baste	brisket	characteristic
asterisk	bastille	bristle	chaste
asteroid	bastinado	bristly	chasten
astonish	bastings	brusque	chastise
astound	bastion	burdensome	chastity
astrakhan	batiste	burlesque	chemistry
astral	bateman	burnoose	chest
astrigent	beast	burst	chesterfield (C)
astrolabe	bedstead	bust	chestnut
astrologer	behest	bustard	chiaroscuro
astrological	benison	bustle	cholesterol
astrology	bequest	cabalistic	chorister
astronomer	beseech	calliopsis	Christ
astronomical	beset	callisthenic	christen
astronomy	beside	camisole	christian (C)
astute	besides	canister	Christmas
asunder	besiege	cannibalistic	chromosome
asylum	besmirch	canst	chrysalis
asymmetrical	besotted	caparison	chrysanthemum
asymmetry	besought	capitalistic	chrysolite
atavistic	besprent	capstan	chrysopraxe
atmosphere	best	capsule	circumscribe
atmospheric	bestial	caravansary	circumscription
attest	bestow	cascara	circumspect
attestation	bestrew	cascade	circumspection
auspice	bicuspid	casein	circumstance

circumstantial	conservative	consummate	cyst
cisalpine	conservatoire	consummation	dachshund
cistern	conservator	consumption	damask
clandestine	conservatory	consumptive	darksome
clasp	conserve	contest	dastard
clepsydra	consider	contrast	deceased
cloister	considerable	controversy	demonstrable
cloistral	considerate	conversant	demonstrate
cluster	consideration	conversation	demonstration
coarsen	consign	conversationalist	demonstrative
coast	consignee	convulsive	density
cockswain	consist	correspond	descant
coexist	consistence	correspondence	describe
coexistence	consistory	corsage	description
coextensive	consolation	corsair	descri
coliseum (C)	consolatory	corselet	desecrate
collapse	console	corset	desecration
combustible	consolidate	cosine	desiccate
combustion	consolidation	cost	desist
comestible	consolingly	costard	desk
*commensurate	consomme	coster	desolate
communistic	consonance	costermonger	desolation
comparison	consonant	costume	despair
compensate	conspicuous	costumier	despatch
compensation	conspiracy	couldst	desperate
compensatory	conspirator	courtesy	desperation
compost	conspire	coxswain	despicable
comprehensible	constable	craftsman	deapise
comprehensive	constabulary	creosote	despond
compulsive	constancy	cresol	despondence
compulsory	constant	crest	despot
confiscate	constellation	crisis	despotism
confiscation	consternation	crisp	destination
confiscatory	constipated	crusade	destitute
congest	constipation	crust	destitution
congestion	constituency	crustacean	destroy
conquest	constituent	crystal	destruction
conquistador	constitute	crystallize	destructive
consanguinity	constitution	culdesac	desuetude
conscript	constrain	cumbersome	desultory
conscript	constrict	curiosity	detest
consecrate	constriction	cursor	detestation
consecration	construct	curtsy	devastate
consecutive	construction	curtsey	devastation
consensus	construe	cusp	diagnosis
consent	consul	cuspidor	diagnostic
consequence	consular	custard	disc
consequent	consulate	custodian	digest
consequential	consult	custody	digestion
conservation	consultation	custom	dinosaur
conservatism	consume	customary	diocesan

disc	ecstatic	esteem	fiscal
discreet	egotistic	ester	fist
discrete	elastic	esthete	fistula
discretion	elasticity	esthetic	flabbergast
discus	eldest	estimable	flask
discussion	electrolysis	estimate	flotsam
disdain	eleemosynary	estimation	fluster
disgust	ellipse	estrangle	foist
disk	ellipsoid	estuary	forecastle
disparage	emasculate	eulogistic	forensic
disparity	emphasis	exasperate	foresail
dispel	emphasize	exasperation	forest
dispensary	emulsification	excelsior	forsaken
dispense	emulsify	excursive	forsook
disperse	endosperm	exegesis	forsythia
dispersion	ensconce	exhaust	foster
dispute	ensemble	exhaustion	foursome
disrupt	ensign	exhaustive	freesia
distaff	ensilage	exist	fresco
distal	enthusiast	existence	*frisk
distich	enthusiastic	expanse	frolicsome
distill	entresol	expensive	frontispiece
distinct	epistemology	expostulate	frost
distress	epistle	expostulation	frustrate
district	epistolary	expensive	frustration
diversification	equestrian	facsimile	fulsome
diversify	erst	false	furthest
divest	erysipelas	falsetto	fustian
domestic	escadrille	falsification	fusty
domesticate	escalator	falsify	gainst
domestication	escallop	falsity	gamesome
domesticity	escapade	fantastic	gamester
dorsal	escape	farthest	gangster
dost	escarole	fast	garrison
draftsman	escarpment	fasten	*gaseous
drastic	eschew	fastidious	gasket
draughtsman	escort	fatalistic	gasoline
drest	escritoire	fearsome	gasp
dropsical	escutcheon	feast	gastronomy
dropsy	esophagus	felspar	gastropod
durst	esoteric	festa	geese
dusk	especial	festal	generosity
dust	espionage	fester	genesis
dynast	esplanade	festival	geologist
dynasty	espousal	festive	gesticulate
dysentery	espouse	festivity	gesticulation
dyspepsia	esprit	festoon	gesture
earnest	espy	fiasco	ghastly
east	esquire	fiesta	ghost
ecclesiastic	establish	filibuster	gipsy
ecstasy	estate	first	gist

gladsome	hospitable	insatiable	interstitial
glisten	hospital	inscription	intestate
glisten	hospitality	inscrutable	intestine
goshawk	hospitalization	insect	intrinsic
gospel	host	insensate	intrinsically
grasp	hostage	insert	introspection
*greasy	hostel	insertion	intrusive
grist	hostile	insidious	intrust
gristle	hostility	insignia	invest
*grosbeak	hostler	insinuate	investiture
grotesque	huckster	insinuation	investigate
gruesome	hunter	insipid	irksome
guest	husk	insipidity	isobar
gust	hustle	insist	isogonic
gustatory	hydroscopic	insistence	isolate
gusto	hypnosis	insolence	isometric
gymnast	hypocrisy	insolent	isosceles
gypsum	hypotheses	insomnia	isotherm
gypsy	hypothesis	insouciance	isothermal
hadst	hysteria	inspect	isthmian
halitosis	hysteric	inspection	isthmus
handicraftsman	ichthyosaurus	inspiration	jasmine
handsome	iconoclast	install	jasper
hansom	idealistic	installation	jest
hansel (H)	idiosyncrasy	instance	jetsam
harpsichord	illusive	instant	joist
hartshorn	illustrate	instantaneous	jostle
harumscarum	illustration	instead	joust
harvest	illustrious	instigate	jurisdiction
hasp	immensity	instigation	jurisprudence
hast	imperialistic	instinct	just
haste	impersonate	institute	justice
helterskelter	impersonation	institution	justifiable
heresy	impetuosity	instruct	justification
hibiscus	imposter	instruction	justify
hirsute	impresario	instrument	justle
hist	incense	instrumental	kaleidoscope
histology	incest	insular	kaleidoscopic
historian	incestuous	insulate	keelson
historic	*incommensurable	insulation	kerosene
history	inconsolable	insult	kiosk
histrionic	incontestable	insuperable	lacustrine
hocuspocus	incrustation	insurgent	lambaste
hoist	individualistic	insurrection	lascar
holocaust	industrial	intelligentsia	last
holster	industrialist	intensification	least
homestead	industrious	intensify	legislate
honest	industry	intensive	legislation
hopscotch	infest	interest	legislature
horoscope	infinitesimal	intersperse	leprosy
hospice	inflationist	interstice	lest

lewisite	mestizo	mustard	osmosis
linguist	metamorphosis	mysterious	osprey
linguistic	metatarsal	mystery	ostensible
linseed	microscope	mystic	ostentation
lisp	microscopic	mystification	ostler
list	midst	mystify	ostracism
listen	militaristic	nainsook	ostracize
lithosphere	minister	nasturtium	ostrich
loathsome	ministerial	nasty	oust
lobster	ministration	nationalistic	oyster
locust	ministry	naturalistic	palisade
lonesome	minster	*nausea	paralysis
lost	minstrel	necrosis	parasite
luminosity	minstrelsy	nemesis	parasitic
lust	mischief	nest	parasol
lustrous	miscreant	nestle	parentheses
machinist	misnomer	neurasthenia	parenthesis
maelstrom	mist	neurasthenic	parsimonious
maestro	mister	neurosis	parsimony
magisterial	mistletoe	noisome	parsley
magistrate	mistress	nondescript	parsnip
majestic	mizzenmast	nostril	parson
majestically	modernistic	nostalgia	past
majesty	modest	nostrum	paste
maltster	modesty	nuisance	pastel
manifest	modiste	nursery	pastern
manifestation	modist	oasis	pasteurize
manuscript	moist	obeisance	pastime
maraschino	moisten	obelisk	pastor
marksman	moisture	obesity	pastoral
marsupial	molest	obscure	pastry
mascara	mollusk	obsequies	pasture
mascot	monastery	obsequious	patristic
masculine	monastic	obsess	pedestal
mask	monopolistic	obsession	pedestrian
mason	monsieur	obsidian	peninsula
masque	monsignor	obsolescent	pensive
masquerade	monsoon	obsolete	pentecostal (P)
mast	monster	obstacle	pepsin
master	monstrosity	obstetric	periscope
masticate	monstrous	obstetrician	peristalsis
mastication	morsel	obstinacy	persecute
mastiff	mosque	obstinate	persecution
mastodon	mosquito	obstreperous	perseverance
materialistic	most	obstruct	persevere
mausoleum	m'sieur	obstruction	persiflage
meddlesome	muscular	oldster	persimmon
meniscus	musk	onslaught	persist
menstruation	musket	optimistic	persistence
mensuration	mustache	orchestra	persistent
mesa	mustachio	orchestral	person
mesquite	mustang	orchestration	personality

personate	postern	psychoanalyst	restorative
personification	posthumous	psychological	restore
personify	postilion	psychologist	restrain
personnel	postpone	psychology	restriction
perspective	postulate	psychopathic	resuscitate
perspicacity	posture	psychosis	resuscitation
perspicuity	precursor	pulsate	retrospect
perspiration	predestinate	pulsation	retrospection
perspire	prehensile	pursuance	reversible
persuade	preposterous	pursue	rhapsody
persuasion	presage	pursuit	rheostat
persuasive	prescribe	pursuivant	rhymester
pesky	prescription	pusillanimity	rinse
peso	prestige	pustule	risk
pest	presto	quaestor	ritualistic
pestiferous	priest	quarrelsome	roadster
pestilent	pristine	quasi	roast
pestilence	procrastinate	quest	robust
pestilential	procrastination	question	roister
pestle	prognosticate	ransom	romanticist
phantasy	promiscuous	rascal	roost
pharisaical	promiscuity	rascality	roster
pharisee (P)	propensity	rasp	rostrum
philosophic	prophecy	rationalistic	roustabout
philosophy	proscribe	realist	rusk
phosgene	proscription	register	rust
phosphate	prosecute	registration	rustic
phosphide	prosecution	remonstrance	rustle
phosphorescence	proselyte	remonstrate	sacristan
phosphoric	prosody	reprehensible	sacrosanct
plaster	prospect	repulsive	salsify
picturesque	prospective	request	sarcastic
pietistic	prosper	rescue	sarsaparilla
pilaster	prosperity	research	satisfaction
pismire	prostitute	reservist	satisfactory
pistachio	prostitution	resist	satisfy
pistil	prostrate	resistance	sausage
piston	prostration	resource	schist
plaister	protest	respect	scholastic
plaster	protestant (P)	respiration	scholiast
plastic	protestation	respiratory	scrupulosity
plasticity	provost	respire	seamstress
plastron	psalm	respite	semester
pleurisy	psalmist	resplendent	sempstress
poetaster	psalmody	respond	sensation
poinsettia	psaltery	response	sensibility
polysyllabic	pseudo	responsibility	sensible
pomposity	pseudonym	rest	sensitive
porosity	psyche	restaurant	sensitivity
post	psychiatry	restaurateur	sensitize
posterior	psychic	restitution	sensory
posterity	psychoanalysis	restoration	sequester

sequesterate	superstition	toast	tusk
sequestration	superstitious	toesin	twist
sesame	suspect	toilsome	twosome
shouldst	suspend	tonsil	ulster
shyster	suspense	toothsome	universal
siesta	suspension	topsyturvy	university
sinister	suspicion	torso	upholsterer
sinuosity	suspicious	toast	upsilon
sisal	sustain	transcontinental	usage
sister	sustenance	transcribe	useful
socialistic	syllogistic	transcription	utensil
solstice	synopsis	transept	varsity
solstitial	synthesis	transfer	vascular
somersault	system	transference	vaseline
songster	systematic	transfiguration	vasomotor
sophisticated	systemic	transfigure	vast
sophistication	tabasco	transfix	venturesome
spectroscope	takest	transform	verbosity
spinster	tapestry	transformation	veriest
spiritualistic	tapster	transformer	verisimilitude
spokesman	tarsal	transfuse	versatile
sponsor	tarsus	transfusion	versatility
sportsman	task	transitive	versify
statesman	taste	transitory	versus
statistical	teamster	transom	vesical
statistician	telescope	transpacific	vesper
statuesque	telescopic	transparency	vest
steapsin	tempest	transparent	vestal
subscribe	tempestuous	transpiration	vestibule
subscription	tensile	transpire	vestige
subsequent	tergiversation	transplant	vestry
subserve	terrestrial	transplantation	vesture
subservient	test	transport	viceversa
subside	testa	transportation	viosterol
subsidence	testament	transpose	virtuosity
subsidiary	testator	transposition	virtuoso
subsidize	testify	travesty	viscosity
subsidy	testimony	trespass	viscous
subsist	thanksgiving	trestle	vista
subsistence	theistic	trickster	wainscot
substance	thermostat	tricksy	waist
substantial	thesaurus	tricuspid	wasp
substantive	thesis	troublesome	wast
substitute	thirst	trust	waste
substitution	thistle	trustee	wearisome
subversive	throstle	trypsin	west (W)
suggest	thrust	tryst	whilst
suggestion	thyrsus	tsar	whisk
sunkist	tinsel	tsetse	whisker
superscription	tipsy	tuberculosis	whiskey
supersede	tiresome	tungsten	whisper

whist	wisteria	wrestle	yesteryear
whistle	wistful	wrist	youngster
wholesome	worst	yeast	zest
winsome	worsted	yesterday	
wisp	wouldst	yestereve	
wist	wrest	yesternight	

33.1d Intervocalic s is usually voiced to [z] except in the following cases:

s before final silent e in nouns and adjectives to distinguish them from verbs which have [z] and in derivations of these and other words ending in sive.

abrasive	cohesive	diffuse -adj.	house -n.
abstruse	collusive	effuse -adj.	inclusive
abuse -n.	conclusive	effusive	loose
abusive	convulsive	elusive	obtrusive
adhesive	corrosive	evasive	refuse -n.
close -adj.	deceased	exclusive	*souse
closely	delusive	excuse -n.	use -n.
closeness	derisive	grease -n.	useful

s before final silent e in the Latin suffix ose.

adipose	diagnose	levulose	verbose
bellicose	grandiose	metamorphose	
cellulose	glucose	morose	
comatose	jocose	sucrose	

s before final silent e in the following words.

anise	diastase	manganese	profuse
base	diocese	moose	promise
*blouse	dose	mortise	purchase
burnoose	douse	mouse	purpose
caboose	erase	noose	recluse
calaboose	geese	obese	release
carcase	goose	obtuse	tortoise
case	*hawse	papoose	treatise
cease	hypotamuse	*paradise	valise
chase	increase	porpoise	*vase
concise	lease	precise	vise
crease	louse	premise	

33.1e s before final silent e after the consonants p, r, l, and n.

adverse	coarse	corpse	disburse
apocalypse	collapse	course	dispense
apse	concourse	curse	disperse
asperse	condense	defense	diverse
averse	convulsa	dense	eclipse

elapse	horse	obverse	rinse
ellipse	immense	offense	sense
else	immerse	parse	sparse
endorse	impulse	perverse	suspense
expanse	incense	pretense	tense
expense	indorse	pulse	terse
false	intersperse	purse	traverse
frankincense	inverse	recompense	universe
glimpse	lapse	rehearse	verse
gorse	manse	remorse	worse
hearse	nonsense	response	
hoarse	nurse	reverse	

33.1d s finally, following a vowel or the voiceless stops [k], [p], and [t], as in bus [bas], shorts [ʃorts, ʃoets].

For complete list of words with s in the ending ous, see section 18.3d.

abatis	asbestos	chorus	electrolysis
acanthus	asparagus	Christmas	electrophorus
accouterments	athletics	chrysalis	electrostatics
accoutrements	atlas	circus	emeritus
acidosis	axis	cirrus	emphasis
acoustics	bacillus	citrus	ephemeris
acrobatics	barracks	civics	epidermis
acropolis (A)	basis	elematis	epilepsy
aegis	biceps	coccus	episcopal (E)
aeronautics	bogus	coleus	erysipelas
afflatus	bonus	colossus	esophagus
alas	bronchitis	conics	ethics
alias	bronchus	consensus	eucalyptus
alumnus	bulbous	contents	eugenics
alveolus	burnous	convolvulus	exege-sis
amanuensis	bus	copperas	exodus
amaryllis	buttocks	corpus	finis
ambergris	byssus	cos	focus
analysis	cactus	cosmos	forceps
angina-pectoris	caddis	craps	fracas
animus	caduceus	crisis	fungus
antics	calamus	crocus	gas
antithesis	calculus	cumulus	genesis
amus	calliopsis	dais	genus
aphis	callus	dermis	glacis
apotheosis	campus	detritus	gladiolus
apparatus	canvas	diagnosis	glottis
appendicitis	castanets	dietetics	gratis
arbutus	caucus	digitalis	gymnastics
arquebus	census	discus	habeas
arras	ceramics	display	halitosis
arteriosclerosis	chaos	dramatics	harmonics
arthritis	chassis	dynamics	harquebus

heroics	metropolis	pelvis	tactics
hiatus	milreis	perhaps	tantalus
hibiscus	minus	peristalsis	tarsus
hippopotamus	modulus	peritonitis	tennis
hocuspocus	modus	physics	terminus
humerus	morris (M)	plexus	tetanus
humus	mucus	plus	thallus
hydraulics	mumps	politics	that's
hypnosis	narcissus	portcullis	thereabouts
hypothesis	nautilus	proboscis	thermos
hysterics	necropolis	prospectus	thesaurus
ibis	necrosis	psychosis	thesis
ichthyosaurus	negus	pus	this
ignoramus	nemesis	quietus	Thomas
impetus	nephritis	radius	thus
incubus	neuritis	rebus	thymus
iris	neurosis	rectus	thyrsus
isthmus	nimbus	rhinoceros	tiddlywinks
italics	nucleus	rickets	tights
it's	numismatics	rumpus	tonsillitis
its	oasis	saleratus	trellis
jackanapes	obstetrics	sarcophagus	triceps
Jesus	octopus	sassafras	tuberculosis
let's	omnibus	shorts	typhus
litmus	onus	sinus	us
locus	optics	sis	uterus
lotos	opus	slacks	vagus
lotus	osmosis	statistics	vas
lupus	oxalis	status	verdigris
madras (M)	pancreas	stimulus	versus
malleus	pants	straits	virus
marquis	papyrus	stratus	vis
mathematics	paralysis	stylus	walrus
mavis	parenthesis	surplus	what's
mechanics	Paris	syllabus	whereabouts
meningitis	pas	synopsis	wis
meniscus	paterfamilias	synthesis	yes
metamorphosis	pathos	syphilis	

33.2 ss wherever found, except immediately before ur or before the unstressed ending ion.

abscess	alyssum	assay	asseveration
abyss	ambassador	assemble	assiduity
access	ass	assembly	assiduous
accessible	assail	assent	assign
accessory	assailable	assert	assignat
address	assassin	assertion	assignment
aggressive	assassinate	assess	assimilate
aggressor	assassination	asset	assimilation
albatross	assault	asseverate	assist

associate	crevasse	foss	messaline
association	criascross	fossil	messenger
assort	cross	fricassee	messieurs
assuage	cuirass	fuss	miss (M)
assume	cuirassier	generalissimo	missal
assumption	cuisse	glass	missile
bass	cuss	gloss	missis
bassinet	cussed	gneiss	molasses
bassoon	cutlass	gossamer	morass
bless	cypress	gossip	moss
bliss	delicatessen	grass	mousse
blossom	depress	gross	muss
blunderbuss	digress	guess	mussel
boss	discuss	gusset	narcissus
brass	dissect	harass	necessary
brassiere	dissection	hassock	necessitate
buss	dissemble	hiss	necessity
byssus	disseminate	hussy	noblesse
caisson	dissemination	hyssop	obsess
canvass	dissension	impasse	opossum
carcass	dissent	impressive	oppress
caress	dissertation	incessant	ossification
cassava	dissever	indissoluble	ossify
casserole	dissimulation	ingress	pass
*cassia	dissipate	inverness	passage
cassock	dissipation	isinglass	passee
cessation	dissociate	janissary	passementerie
cesspool	dissociation	jess	passenger
chasseur	dissolute	jessamine	passim
chassis	dissolution	joss	passive
chess	dissonance	kiss	passivity
class	dissuade	lacrosse	pelisse
classic	doss	laissezfaire	permissible
classicism	dress	largess	permissive
classification	dross	largesse	pessimism
classify	duress	lass	pessimist
colossal	egress	lassitude	pianissimo
colossus	embarrass	lasso	posse
commissar	embassage	less	possess
commissariat	embassy	lesson	possessiveness
commissary	emissary	loess	posset
compass	empress	loss	possibility
confess	essay	marquess	possible
Congress	essayist	mass	possum
connoisseur	essence	massacre	potassium
cosset	essential	massage	predecessor
coulisse	excess	masse	press
crass	express	masseuse	process
cress	finesse	mess	procession
cresset	floss	message	profess

professor	reconnaissance	success	truss
professorial	regress	successive	tussah
progress	renaissance	suppress	tussle
progressive	repressive	surpass	tussock
proress	retrousse	tassel	unbiassed
prussic	russet	tessellate	unless
puissance	sassafras	toss	vassal
puss	sessile	transmissible	vessel
pussy	sissy	trespass	vicissitude
quintessence	stress	tress	wassail
recess	submissive	trousseau	windlass

33.3a c before e except in the unstressed ending eous; before i except in the unstressed syllables cia, cion, cious; before the Latin and Greek digraphs ae and oe; before y; as in cinch [sɪntʃ], cell [sɛl], caecum [sɪkəm], cyst [sɪst]. When ci precedes a stressed syllable beginning with a, then the o may be pronounced either [s] or [ʃ], as in association [əsouʃi'eɪʃən, əsou r'eɪʃən].

For complete list of words with c in the unstressed endings ance, ence, see sections 18.1e and 18.2b.

accede	adjacent	audacity	calcine
accelerate	advance	auspice	calcite
accent	advice	authenticity	calcium
accentuate	advocacy	autocracy	cancel
accept	affiance	avarice	cancellation
acceptable	agency	bacillus	cancer
acceptance	amerge	bactericidal	candidacy
acceptation	amice	balance	capacity
access	ancestor	bankruptcy	caprice
accessible	ancestry	baronetcy	captaincy
accession	ancillary	benedicite	carapace
accessory	announce	benefice	catholicism
accidence	*annunciation	beneficent	catholicity
accident	antecedent	biceps	cease
accidental	anthracene	bicycle	cedar
accomplice	anthracite	bodice	cede
accountancy	anticipate	boracic	cell
accuracy	anticipatory	bounce	ceiling
ace	appendicitis	brace	celandine
acetanilid	apprentice	bracelet	celebrant
acetate	aristocracy	brilliance	celebrate
acetic	armistice	buoyancy	celebration
acetylene	artifice	bureaucracy	celebrity
acid	artificer	caddice	celerity
acidity	ascendancy	caduceus	celery
acidosis	asceticism	caecum	celestial
acidulate	askance	caesura	celibacy
adduce	*association	calcify	cell
adequacy	atrocitiy	calcimine	cellar

cellophane	chalice	cisalpine	concerted
cellular	chance	cistern	concession
celluloid	chancel	citadel	concierge
cellulose	chancellor	citation	conciliate
cement	chaplaincy	cite	conciliation
cemetery	choice	cithara	conciliatory
cenotaph	cicada	citizen	concise
censer	*cicerone	citrous	conduce
ensor	cider	citric	conducive
ensorious	cigar	citron	confederacy
censure	cigarette	citrus	conspiracy
census	cilia	city	constancy
cent	ciliary	civet	constituency
centaur	ciliate	civic	contingency
centavo	cinch	civil	contraceptive
centenarian	cinchona	civilian	contumacy
centenary	cincture	civility	convince
centennial	cinder	civilization	convincing
center	cinema	civilize	coppice
centigrade	cinematograph	classicism	cornice
centigram	cinnabar	classicist	council
centime	cinnamon	clearance	cowardice
centimeter	cinquefoil	clemency	crevice
centipede	cipher	cockatrice	criticize
central	circa	codicil	criticism
centralization	circle	coerce	crucible
centripetal	circlet	coercive	cruciform
centurion	circuit	cogency	crucify
century	circuitous	coincident	currency
ceramic	circular	coincidental	cyanide
cereal	circulate	colonelcy	cyanogen
cerebellum	circulation	commence	cyclamen
cerebral	circulatory	commerce	cycle
cerebrum	circumambient	competency	cyclic
cerement	circumcise	complacency	cyclist
ceremonial	circumcision	complacent	cycloid
ceremony	circumference	complicity	cyclometer
cerium	circumferential	conceal	cyclone
certain	circumlocution	concede	cyclopedia
certes	circumnavigate	conceit	cygnet
certificate	circumnavigation	conceivable	cylinder
certification	circumpolar	conceivably	cylindrical
certified	circumscription	conceive	cynosure
certify	circumspect	concentrate	cymbal
certitude	circumspection	concentration	cyme
cerulean	circumstance	concentric	cynic
cervical	circumstantial	concept	cynicism
cessation	circumvent	conception	cypress
cession	circus	conceptual	cyst
cesspool	cirque	concern	dace
chalcedony	cirrus	concert	dance

deceased	edifice	fancy	idiocy
deceit	educe	farce	illegitimacy
deceive	efface	farcical	illicit
December	effeminacy	faucet	illiteracy
decemvir	efficacy	felicitate	imbecile
decency	efficiency	felicitation	imbecility
deception	elasticity	felicity	immediacy
deceptive	electricity	fence	implicit
decide	elegance	ferocity	impotency
deciduous	elicit	fervency	inadequacy
decigram	elucidate	fiance	incapacitate
decimal	elucidation	fiancee	incarcerate
decimate	*emaciation	fierce	incarceration
decimeter	emancipate	finance	incendiary
decision	emancipation	financier	incense
decisive	emergency	flaccid	incentive
deduce	empiricism	fleece	inception
defence	encyclical	fleecy	incessant
deficiency	encyclopedia	flippancy	incest
deficit	enhance	flounce	incestuous
degeneracy	ensconce	fluency	incidence
delicacy	entice	force	incident
delinquency	entrance	forceps	incidental
democracy	*emunciate	forcible	incinerate
dencounce	*enunciation	fortalice	incipient
dentifrice	episcopacy	France	incise
*denunciation	essence	frankincense	incision
dependency	evanescence	frequency	incite
despondence	evidence	frontispiece	indecenty
despondency	evince	furnace	induce
deuce	exacerbate	germicide	infancy
dice	exercise	glace	infanticide
diocesan	exigency	glance	innocence
diplomacy	exorcise	glycerin	innocent
discrepancy	exorcism	grace (G)	insecticide
*dissociation	expectancy	gramercy	insolvency
divorce	expedience	grimace	insouciance
divorcee	expediency	grocer	insurance
docile	explicit	hacienda	intercede
docility	extravagance	halcyon	intercept
domesticity	face	halfpence	intercession
domicile	facet	hallucination	interference
domiciliary	facetious	hence	internecine
dulcet	facile	hesitancy	intimacy
dulcimer	facilitate	homicide	intricacy
dunce	facility	hospice	introduce
duodecimo	fallacy	hyacinth	inveteracy
duplicity	fanaticism	hydrocyanic	invincible
eccentric	fancied	ice	irreconcilable
eccentricity	fancier	icicle	italicize
eclectic	fanciful	icy	itinerancy

jacinth	mucilage	percent	prejudice
jaundice	mucilaginous	percept	prelacy
jounce	multiplicity	perceptible	prentice
juice	municipal	perception	presidency
justice	municipality	periodicity	pretence
lace	munificence	permanency	price
lacerate	munificent	persistence	primacy
lacing	mysticism	perspicacity	prince (P)
lacy	narcissus	pertinacity	princess (P)
lance	necessary	phagocyte	principal
lancet	necessitate	pharmaceutical	principality
lanceolate	necessity	pharmacy	principle
larceny	necklace	physicist	privacy
lattice	necromancy	piece	procedure
legacy	nice	pierce	proceed
legitimacy	niece	pincers	process
leniency	nonce	pinnacle	procession
lettuce	notice	piquancy	produce
leucocyte	novice	piracy	proficiency
lice	obduracy	place	profligacy
licence	obstinacy	placenta	pronunciamento
licentious	occident (O)	placid	pronunciation
lieutenancy	occidental	placidity	prophecy
liquorice	occipital	plaise	province
literacy	occupancy	pliancy	publicist
loquacity	ocelot	poignancy	publicity
lucent	offence	police	publicize
lucerne	office	policy	pugnacity
lucid	once	populace	lumice
lucidity	orifice	porcelain	pungency
lucifer (L)	ostracism	potency	quince
lunacy	ostracize	poultice	race
lycee	ounce	pounce	raceme
lyceum	pace	practice	rancid
mace	pacific (P)	prance	rapacity
magistracy	pacification	precede	ratiocination
magnificent	pacificism	precedency	recalcitrant
malice	pacify	precedent	recede
marcel	palace	precentor	receipt
medicinal	panacea	precept	receive
medicine	papacy	precession	recent
menace	parcel	precinct	receptacle
mendacity	parricide	precipice	reception
mercenary	participate	precipitate	receptive
mercer	participation	precipitation	receptivity
mercerize	participle	precise	recess
mercy	peace	precision	recession
mice	pellucid	precocity	recipe
mince	pence	predecessor	recipient
monasticism	pencil	preface	reciprocal
mortice	perceive	pregnancy	reciprocate

reciprocation	science	stance	trounce
reciprocity	sconce	stencil	truce
recital	seance	stoicism	tuppence
recitation	secede	subserviency	twice
recitative	secession	succeed	twopence
recite	secrecy	success	ulcer
reconcile	seduce	succession	ulcerate
reconciliation	service	successive	urgency
reduce	simplicity	succinct	vacancy
reducible	since	succulence	vaccinate
redundancy	sincere	sufficiency	vaccination
regency	sincerity	suicidal	vaccine
regicide	sixpence	suicide	vacillate
rejoice	skepticism	supercilious	vacillation
relevancy	slice	supremacy	vagrancy
renounce	sluice	surcingle	valency
renunciation	society	surface	velocity
replace	sociological	surplice	veracity
resiliency	sociology	tacit	vermicelli
resource	solace	taciturn	vertices
reticence	solecism	technocracy	vice
rhinoceros	solicit	tenacity	viceroy
rice	solicitation	tenancy	viceversa
romance	solicitude	tendency	vicinity
romanticism	solstice	terrace	vicissitude
romanticist	solvency	thence	vivacity
rusticity	sorcery	theocracy	vociferate
sacerdotal	source	thoracic	vociferation
sacrifice	space	threepence	vociferous
sagacity	specific	thrice	voice
salicylic	specification	trace	voracity
sauce	specify	traduce	vorticella
saucer	specimen	translucent	whence
saucy	spencer (S)	transparency	wince
scarce	spice	trice	witticism
scepticism	splice	triceps	
scholasticism	spruce	tricycle	

33.3b c before a in the French words curacao and facade. They are sometimes written with a cedilla under the c to indicate that c is soft.

33.4 sc before e, except in the word sceptic and its derivations; before i except in the unstressed endings ience and ious; and before y, as in scene [sin], scintillate ['sintlərt], scythe [saɪð]. sc is also pronounced [s] in words where [ə] appears as a glide between the [s] and succeeding [l] sound, as in muscle [masəl].

abscess	adolescence	ascendancy	ascent
acquiesce	ascend	ascension	ascertain

ascetic	effervesce	obsolescent	scepter
asceticism	effervescence	opalescent	sciatica
coalesce	efflorescence	oscillate	science
coalescence	evanescence	oscillation	scientific
condescend	excrecence	phosphorescence	scimitar
condescension	fascies	plebiscite	scintilla
convalesce	fascinate	proboscis	scintillate
convalescence	fascination	quiescence	scintillation
corpuscle	fluorescence	recrudescence	scion
crescent	incandescence	reminisce	scissors
crescendo	irascible	reminiscence	scythe
dehiscient	iridescence	renascence	susceptibility
deliquescent	lascivious	rescind	susceptible
descend	miscellaneous	resuscitate	transcend
descent	miscellany	resuscitation	viscera
*discern	muscle	scenario	viscid
disciple	nascent	scene	
disciplinary	obscene	scenic	
discipline	obscenity	scent	

33.5 [s] in [ks] spelled x when it is final in a word or syllable, except in the plurals of French words; as in fix [fiks], axle ['æksəl]; in the prefix ex when it is stressed or when it precedes a consonant, as in extreme [iks'trim], execute ['æksəkjut].

affix	codex	exchange	execution
ambidextrous	coextensive	exchequer	exege-sis
annex	complex	exclaim	exegetical
annexation	complexity	exclamation	exercise
anthrax	conflux	exclamatory	exeunt
apex	context	exclude	exhalation
apoplexy	convex	exclusion	exhale
appendix	convexity	exclusive	exhibition
approximate	cortex	excommunicate	exhortation
asphyxiate	coxcomb	excommunication	*exhumation
asphyxiation	coxswain	excoriate	*exhume
ax	crucifix	excrement	exigency
axial	crux	excrecence	*exile
axil	dexter	excrete	*exit
axiom	dexterity	excretion	exodus
axiomatic	dextrin	excretory	exorcise
axis	dioxide	excruciating	exordium
axle	doxology	exculpate	exotic
bauxite	doxy	excurrent	expand
betwixt	duplex	excursion	expanse
borax	elixir	excursive	expansion
box	equinox	excuse	expansive
buxom	exacerbate	execrable	expatiate
calyx	exarch	execrate	expatriate
climax	excavate	execration	expatriation
coax	excavation	execute	expect

expectancy	expunge	fox	paradox
expectation	expurgate	galaxy	parallax
expectorate	exquisite	heterodox	paroxysm
expectoration	extant	hexagon	pax
expediency	extemporaneous	hexagonal	peroxide
expedite	extend	hexameter	perplex
expedition	extension	hoax	perplexity
expeditious	extensive	hydroxide	phalanx
expel	extent	hydroxyl	pharynx
expend	extenuate	ibex	phlox
expenditure	extenuation	ilex	phoenix
expense	exterior	index	pixy
expensive	exterminate	inexorable	plexus
experience	extermination	inexpiable	pox
experiment	external	inextricable	prolix
experimental	extinct	intoxicant	proximate
experimentation	extinction	jinx	proximity
expert	extinguish	juxtapose	proxy
expiate	extirpate	juxtaposition	pyx
expiation	extirpation	larynx	quixotic
expire	extol	latex	reflex
expiry	extort	lax	relax
explain	extortion	laxative	relaxation
explanation	extra	lex	saxifrage
explanatory	extraction	lexicography	saxophone
expletive	extradite	lexicon	sex
explicable	extradition	lynx	sextant
explication	extraneous	matrix	sextet
explicit	extraordinary	maxilla	sexton
explode	extravagance	maxillary	six
exploit	extravaganza	maxim	sixteen
exploitation	extreme	maximum	sixty
exploration	extremity	minx	smilax
exploratory	extricate	mix	sphinx
explore	extrude	mixture	suffix
explosion	extrusion	monoxide	syntax
explosive	exudation	next	syrinx
exponent	exude	nix	tax
export	exultation	onyx	taxation
exportation	fix	orthodox	taxi
expose	fixation	oryx	text
exposition	fixative	ox	textile
expositor	fixity	oxalic	textual
expostulate	fixture	oxalis	texture
expostulation	flax	oxford (0)	thorax
exposure	flex	oxidation	toxic
expound	flexibility	oxide	toxin
express	flexible	oxidize	tuxedo
expression	flux	oxyacetylene	twixt
expulsion	fluxion	oxygen	vertex

vex	vexatious	vortex	wax
vexation	vixen	vox	

33.6 es in the plurals of nouns and inflected verb forms after the voiceless consonants [p], [t], [k], and exceptionally after [θ] and [f].¹ In most words ending with f, either finally or before silent e, and with [θ], the plural forms become voiced to [v] and [ð] respectively. See section 43.4a.

apes	hates	notes	sakes
awakes	hopes	opposites	shakes
bakes	indicates	pastes	shapes
bites	invites	pipes	smokes
cakes	jokes	plates	states
capes	lakes	privates	takes
dates	likes	rates	tastes
devotes	makes	ropes	wakes
fates	minutes	routes	withes
gates	mistakes	safes	

33.7 z after t and in Italian loan-words spelled with zz, which contains a [t] sound, as in chintz [tʃɪnts], mezzo [metsou].

chintz	mezzo	seltzer	terrazzo
howitzer	quartz	spitz	waltz
matzoth			

33.8a s is silent in the following French loan-words.

aisle	chassis	isle	rendezvous
apropos	corps	lisle	revers
basrelief	demesne	malines	velours
belleslettres	fleurdelis	mesdames	viscount
challis	hored'oeuvre	patois	
chamois	island	provost	

33.8b s is silent in the letter x when the prefix ex precedes a syllable beginning with ce or ci.

exceed	excelsior	excerpt	excitation
excel	except	excess	excite
excellence	exception	excise	

¹This list is not comprehensive since the Thorndike count did not include these plurals and inflected verb forms as separate entries. Therefore a few samples are listed to served as examples.

34. THE SOUND [ʃ]

The spellings of [ʃ] are:

1. sh in the same syllable wherever found.
2. ti in tion, tious, tia, tial, tiate, tiation.
3. ci in similar orthographic configurations.
4. ssi in ssia and ssion.
5. si in sion after consonants, except n.
6. sci in unstressed endings scious, science, scient.
7. su and ssu in unstressed syllable or before r, except as below.
8. ce in unstressed cean, ceous.
9. [ʃ] in [kʃ] spelled x before ion, ious, ur.
10. ch in late French loan-words.

Note: For other pronunciations of some of these spellings of [ʃ], see:

1. si in sion after vowels, section 44.1.
2. ci, si, ti after n, section 36.4.
3. ti after s, section 36.4.
4. su in initial unstressed syllable, see 33.1a.

The distribution of [ʃ] in English words is as follows:

A. [ʃ] alone.

1. Initially in syllables, as in shed [ʃɛd], palatial [pə'leɪʃəl].
2. Finally in syllables, as in trash [træʃ], efficient [e'fɪʃənt, ɪ'fɪʃənt].

B. In phonetic clusters.

1. Initially in syllables, as in
 - a. [ʃr] - shrink [ʃrɪnk]
2. Finally in syllables, as in
 - a. [lʃ] - welsh [welʃ]
 - b. [lʃt] - welshed [welʃt]
 - c. [ʃt] - pushed [puʃt]
 - d. [rʃ] - harsh [hɑ:ʃ, ha:ʃ]

Words with [ʃ] grouped for practice as follows:

34.1 sh in the same syllable wherever found, as in cash [kæʃ], swish [swɪʃ].

abash	macintosh	shatter	shock
ambush	marsh	shave	shod
ash	marshal	shawl	shoe
ashamed	mash	shay	shogun
ashen	mesh	she	shone
banshee	mush	sheaf	shoo
bash	parishioner	shear	shook
bashaw	pasha	sheath	shoon
bishop	plash	sheathe	shoot
blush	plush	sheaves	shop
bosh	potash	shed	shore
brush	potsherd	sheen	shorn
bush	pshaw	sheep	short
bushel	push	sheer	shot
calabash	quash	sheet	should
calash	rash	sheik	shoulder
cash	rush	shekel	shout
cashew	sash	sheldrake	shove
cashier	shabby	shelf	shovel
cashmere	shack	shell	show
clash	shackle	she'll	shower
crash	shad	shellac	shrank
crawfish	shade	shelter	shrapnel
crayfish	shadow	shelve	shred
crush	shaft	shent	shrew
cushion	shag	shepherd	shrewd
dash	shake	sherbet	shreik
dish	shaken	sheriff	shrieve
disheveled	shale	sherry	shrift
fashion	shall	shew	shrike
fish	shallop	shibboleth	shrill
flash	shallot	shield	shrimp
flesh	shallow	shift	shrine
flush	shalt	shifty	shrink
fresh	sham	shillelagh	shrive
galosh	shambles	shilling	shrivel
garish	shame	shim	shriven
garnish	shampoo	shimmer	shroud
gash	shanghai (S)	shin	shrub
ghash	shank	shine	shrubbery
gosh	shan't	shingle	shrug
gush	shantung	ship	shrunk
harsh	shanty	shire	shuck
hash	shape	shirk	shudder
hush	shard	shirr	shuffle
lash	share	shirt	shun
leash	shark	shiver	shunt
lush	sharp	shoal	shuttle

shy	squash	thresh	wash
siren	succotash	threshold	Washington
slash	swash	thrush	welsh (W)
slush	swish	trash	wish
smash	tamoshanter	tush	worship
splash	thrash	usher	

34.2 In Middle English postconsonantal i [i] generally became [j] before a following vowel in the late sixteenth or seventeenth century, and the combinations [sj], [zj] became [ʃ], [ʒ]. After other consonants we now have [] beside [j]. . . . Before accented and secondary accented vowels the pronunciation fluctuates between [ʃ], [ʒ], plus [ɪ] or [j] and [s], [z] plus [ɪ] or [j], so that in some words we have the former and in others the latter; this fluctuation is due to the influence of the spelling, as appreciate [əprɪʃiət]; enthusiasm [ɪnəʊziæziəm].¹

In this and the following sections, the spellings ti, ci, si, ssi, ce, sci, are all variations of the original [s] spelling and show the same effect of the palatalizing influence of the succeeding [j].

34.2a ti in the endings tion, tious, except after a consonant. For a complete list of these words, see sections 18.3c, 2.2e, and 12.2b.

34.2b ti intervocalically or after r in unstressed syllables, as in vitiate [viʃiət].

dietitian	interstitial	novitiate	propitiation
inertia	martial	nasturtium	quotient
ingratiate	militia	partial	ratio
initial	minutiae	partiality	satiate
initiate	negotiable	patience	solstitial
initiation	negotiate	patient	tertiary
insatiable	negotiation	propitiate	vitiate

34.3 ci intervocalically or after r. After n in a few words, usage varies between [ʃ] and [s], as in emunciation [ɪnʌnsɪʃiən, ɪnʌnsɪʃiən].

¹Wright, New English Grammar, p. 91.

acacia	depreciation	malicious	sacrificial
academician	diagnostician	mathematician	sagacious
*annunciation	dietician	mechanician	salacious
appreciate	*dissociate	meretricious	sociability
appreciation	*dissociation	monocious	sociable
arithmetician	efficacious	mortician	social
artificial	efficiency	musician	socialization
artificiality	efficient	noviciate	socialize
artificially	electrician	*nuncio	*sociological
*associate	emaciate	obstetrician	*sociology
*association	emaciation	official	spacious
atrocious	*emunciate	officiate	special
audacious	*enunciation	optician	specialization
auspicious	especial	patrician	specialize
avaricious	excruciating	patriciate	specie
beneficial	facial	pernicious	specious
beneficiary	facies	pertinacious	statistician
braggadocio	fallacious	physician	sufficiency
capacious	ferocious	politician	sufficient
capricious	fiduciary	precious	superficial
coefficient	fiduciary	precocious	superficiality
coercion	glacial	prejudicial	superficies
commercial	glaciate	proficiency	suspicion
commercialize	glacier	proficient	suspicious
contumacious	gracious	*promunciamiento	tactician
crucial	judicial	*pronunciation	technician
deficiency	judiciary	pugnacious	tenacious
deficient	judicious	racial	voracious
delicious	logician	rapacious	vicious
*denunciation	loquacious	*renunciation	voracious
depreciate	magician	rhetorician	

34.4 ssi in ssion and ssia.

accession	congressional	oppression	retrogression
admission	depression	passion	Russia
aggression	digression	passionate	secession
cassia	discussion	percussion	session
cession	emission	permission	submission
commission	expression	possession	succession
compassion	fission	precession	suppression
compassionate	impression	profession	transgression
compression	intercession	progression	transmission
concession	mission	recession	
concussion	obsession	repercussion	
confession	omission	repression	

34.5 si in sion, sia after consonants except n.

aspersion	controversial	dyspepsia	expulsion
compulsion	convulsion	emulsion	immersion

impulsion	propulsion	revulsion	torsion
inversion	repulsion		

34.6 sc in unstressed syllables, and in a few Italian loan-words.

crescendo	fascist	insucious	omniscient
fascia	fascism	nescience	prescience

34.7 su and ssu in open syllables or syllables closed by r, except after a stressed syllable ending with n.

assurance	fissure	issue	*sumac
assure	insurance	pressure	sure
commisure	insure	sugar	tissue

34.8 ce in cean, ceous.

crustacean	ocean	sebaceous	siliceous
herbaceous	oceanic		

34.9 [kj] in x in the unstressed endings ion, ious, or before ur.

anxious	crucifixion	luxurious	obnoxious
complexion	flexure	luxury	
connexion (Brit. spelling)	cluxion	noxious	

34.10 ch in foreign words, most of which are late French loan-words.¹

attache	charade	chevron	douche
barouche	charlatan	chic	echelon
cache	charmeuse	chicane	falchion
cachet	chasseur	chicanery	fetich
chagrin	chassis	chiffon	fuchsia
chaise	chateau	chiffonette	gauche
chalet	chatelaine	chiffonier	machete
challie	chauffeur	chivalric	machine
challis	chautauqua	chivalry	machinery
chambray	chef	chose	marchioness
chamois	chefdoeuvre	chute	meerscham
champagne	chemise	cliche	mustache
champaign	chenille	crepedechine	mustachio
chandelier	cheroot	crochet	nonchalance
chanson	chevalier	dachshund	nonchalant
chaperon	cheviot	debauchee	parachute

¹Wright, New English Grammar, p. 126.

pistachio
portecochere

postchaise
recherche

ricochet
sachet

seneschal
soutache

35. THE SOUND [t]

The spellings of [t] are:

1. t wherever found, except as below.
2. tt wherever found.
3. th where h is silent.
4. d in the suffix ed after most voiceless consonants.
5. g containing [t] when pronounced [ts] in some Italian loan-words.
6. [t] appears as an intrusive glide between [n] and [s] in the same syllable, and between [n] and [ʃ] in adjacent syllables.

Note: For other pronunciations of t, see:

1. t in th, sections 37 and 38.
2. t in tion, sections 34.2 and 36.4.
3. t before y in unstressed syllables, section 36.3.
4. Silent t, section 35.7.

The distribution of [t] in English words is as follows:

A. [t] alone.

1. Initially in syllables, as in take [teɪk], sustain [sə'steɪn].
2. Finally in syllables, as in met [met], commitment [kə'mɪtmənt].

B. [t] in phonetic clusters.

1. Initially in syllables, as in
 - a. [tr] - trade [treɪd]
 - b. [tw] - twist [twɪst]
 - c. [st] - stay [steɪ]
 - d. [str] - strike [straɪk]
2. Finally in syllables, as in
 - a. [ts] - cats [kæts]
 - b. [nt] - cent [sent]
 - c. [nts] - mints [mɪnts]
 - d. [lt] - salt [sɔlt]
 - e. [lts] - waltz [wɔlts]
 - f. [mpt] - dreamt [drempt]
 - g. [mpts] - pre-empt [priɛmpts]
 - h. [mpst] - glimpsed [glɪmpst]
 - i. [ntst] - glanced [glæntst]
 - j. [nte] - ninth [naɪnte]
 - k. [ntəs] - tenths [tentəs]

- l. [ŋkst] - linxed [dʒɪŋkst]
 m. [ŋkt] - banked [bæŋkt]
 n. [st] - best [best]
 o. [sts] - pastes [peɪsts]
 p. [kt] - fact [fækt]
 q. [kts] - facts [fæktz]
 r. [kst] - next [nekst]
 s. [ŋkts] - adjuŋkts [ˈædʒŋkts]
 t. [rt] - wart [wɔ:t, wa:t]
 u. [rts] - carts [kɑ:ts, karts]
 v. [pt] - rapt [ræpt]
 w. [pts] - scripts [skɪpts]
 x. [dst] - midst [mɪdst]
 y. [ft] - left [left]
 z. [fts] - rifts [rɪfts]

Words with [t] are grouped for practice as follows:

35.1a t initially before vowels in words, as in tail [teɪl].

tab	tally	tapioca	taw
tabard	talon	tapir	tawdry
tabasco	tam	tar	tax
tabernacle	tamarind	tarantula	taxation
table	tambourine	tardy	taxi
tabor	tame	tare	tea
taboret	tamoshanter	target	teach
tabulate	tamper	tariff	teacher
tabulation	tan	tarn	teal
tacit	tandem	tarnish	team
taciturn	tang	tarpaulin	tear
tack	tangent	taro	tease
tackle	tangential	tarragon	teat
tact	tangerine	tarry	technical
tactician	tangibility	tarsal	technician
tactile	tangible	tarsus	technique
tadpole	tangle	tart	technocracy
taffeta	tango	tartan	technological
taffy	tank	tartar	technology
tag	tankard	tartrate	tedium
tail	tanner	task	tee
tailor	tannic	tassel	teen
taint	tannin	taste	teens
take	tantalize	tat	teeny
talc	tantalous	tatter	teeth
talcum	tantalus	tattle	teethe
tale	tantamount	tattoo	teeter
talent	tantrum	taught	telegram
talisman	tap	taunt	telegraph
talk	tape	taupe	telepathy
tall	taper	taut	telephone
tallow	tapestry	tavern	telescope

television	terminology	tike	tog
tell	terminus	tile	toga
tellurium	termite	till	together
temerity	tern	tilt	toggle
temper	terrace	tilth	toil
tempera	terracotta	timbale	toilet
temperament	terrain	timber	toilette
temperance	terrapin	timbre	token
temperate	terrazzo	timbrel	told
temperature	terrestrial	time	tolerable
tempest	terrible	timid	tolerance
tempestuous	terrier	timidity	tolerate
temple	terrific	timorous	toleration
tempo	terrify	tin	toll
temporal	territory	tinct	toluene
temporary	terror	tincture	tomahawk
temporize	terrorize	tinder	tomato
tempt	terse	ting	tomb
temptation	tertian	tinge	tome
ten	tertiary	tingle	tomfoolery
tenable	tessellate	tinker	tomorrow
tenacious	test	tinkle	tomtom
tenacity	testa	tinsel	ton
tenant	testament	tint	tone
tend	testator	tintinnabulation	tong
tendency	testify	tiny	tongue
tender	testimony	tip	tonic
tendon	tetanus	tippet	tonight
tendril	tete-a-tete	tipple	tonneau
tenement	tether	tipsy	tonsil
tenet	text	tirade	tonsure
tennis	textile	tire	too
tenon	textual	tissue	took
tenor	texture	tit	tool
tense	ti	titanic	toot
tensile	tiara	tithe	tooth
tension	tibia	title	top
tent	tick	titter	topaz
tentacle	ticket	tittle	toper
tentative	tickle	titular	topic
tenuity	ticktock	to	topographical
temuous	tidbit	toad	topography
tenure	tiddlywinks	toast	topple
tepee	tide	tobacco	topsyturvy
tepid	tie	toboggan	toque
tergiversation	tier	tocsin	torch
term	tiffin	today	tore
termagant	tiger	toddle	toreador
terminal	tight	toddy	torment
terminate	tilbury	toe	torn
termination	tigress	toffee	tornado

torpedo	tousle	tumbrel	turret
torpid	tout	tumid	turtle
torpor	tow	tumor	tush
torque	toward	tumult	tusk
torrent	towel	tumultuous	tussah
torrid	tower	tun	tussle
torsion	town	tuna	tussock
torso	toxic	tundra	tut
tort	toxin	tune	tutelage
tortoise	toy	tungsten	tutelary
tortuous	tub	tunic	tutor
torture	tuba	tunnel	tuxedo
tory (T)	tube	tunny	tuyere
toss	tuber	tuppence	tycoon
tost	tubercle	turban	tympanic
tot	tubercular	turbid	tympanum
total	tuberculosis	turbine	type
totality	tubular	turbot	typhoid
tote	tubule	turbulence	typhoon
totem	tuck	tureen	typhus
totter	Tuesday	turf	typical
touch	tufa	turgid	typify
touchy	tuff	turkey (T)	typographical
tough	tuft	turmoil	tyrannical
tour	tug	turn	tyranny
tourmaline	tuition	turnip	tyrant
tournament	tulip	turpentine	tyro
tourney	tulle	turpitude	
tourniquet	tumble	turquoise	

35.lb t initially before consonants r, s, w (except in two), as in try [traɪ], twins [twɪnz], tsetse [ˈtsetsɪ].

trace	trajectory	transition	travail
trachea	tram	transitory	travel
trachoma	trammel	translate	traverse
track	tramp	translation	travertine
tract	trample	translucent	travesty
traction	trance	transmissible	trawl
tractor	tranquil	transmit	tray
trade	tranquility	transmutation	treacherous
tradition	transcend	transmute	treachery
traduce	transcribe	transom	treacle
traffic	transcription	transparency	tread
tragedian	transept	transparent	treason
tragedy	transfer	transpiration	treasure
tragic	transference	transpire	treasury
trail	transgress	trap	treat
train	transgression	trapeze	treatise
trait	transient	trapezoid	treble
traitor	transit	trash	tree

trefoil	trident	trod	trunk
trek	tried	troll	trunnion
trellis	triennial	trolley	truss
tremble	trier	trollop	trust
tremendous	trifle	trombone	trustee
tremolo	trig	troop	truth
tremor	trigger	trope	try
tremulous	trigonometrical	trophy	trypsin
trench	trigonometry	tropic	tryst
trenchant	trill	tropical	tsar
trencher	trillion	trot	tsetse
trend	trilogy	troth	twaddle
trepine	trim	troubadour	twain
trepidation	trimeter	trouble	twang
trepass	trine	trough	tweak
tress	trinity (T)	trounce	tweed
trestle	trinket	troupe	tweezers
triad	trio	trousers	twelfth
trial	trioxide	trousseau	twelve
triangle	trip	trout	twenty
triangular	tripartite	trove	twice
tribe	tripe	trow	twiddle
tribulation	triple	trowel	twig
tribunal	triplicate	troy	twilight
tribunate	tripod	truant	twill
tribune	triptych	truce	twin
tributary	trireme	truck	twine
tribute	trite	truckle	twinge
trice	triturate	truculent	twinkle
triceps	triumph	trudge	twirl
trick	triumphal	true	twist
trickle	triumphant	truffle	twit
tricolor	triumvir	trump	twitch
tricot	trivet	trumpet	twitter
tricotine	trivial	truncate	two
tricuspid	triviality	truncheon	twopence
tricycle	trochee	trundle	

35.1c t in medial and final syllables (except before unstressed ion, ious, ia, or u), alone or in clusters, as in antic [æntɪk], attempted [ə'temptɪd]. For complete list of clusters, see introduction to this section.

For complete list of words with t in the ending ity, see section 18.20e.

abatis	abstemious	acceptability	accouter
ablative	abstention	acceptation	accoutre
abortive	abstinence	accidental	accouterments
absentee	abstract	accidentally	accoutrements
absolutism	abstruse	acclimate	accusative
absorptive	accelerator	accountancy	accustom
abstain	acceptable	accountant	acetanilid

acetate	alteration	anticyclone	architecture
acetic	altercation	antidote	arctic (A)
acetylene	alternate	antilogarithm	argumentation
achromatic	altimeter	antimony	argumentative
acoustic	altitude	antiphonal	aristocracy
acquaintance	alto	antipodes	aristocrat
acquisitive	altruistic	antiquarian	aristocratic
acrostic	*amateur	antiquated	arithmetic
actinic	amatory	antique	arithmetical
active	ambidextrous	antiquity	arithmetician
activity	ambulatory	antiseptic	armistice
actor	amnesty	antislavery	aromatic
actress	amortization	antisocial	arterial
adamantine	amortize	antithesis	arteriosclerosis
adaptability	amplitude	antitoxin	artery
adaptation	amputate	antitrust	artesian
adductor	analytic	antler	arthritis
adjective	anarchistic	antonym	artichoke
adjutant	anathematize	aorta	article
administer	anatomical	apathetic	articulate
administration	anatomist	apologetic	artifice
administrative	anatomy	apologist	artificer
admiralty	ancestor	apoplectic	artificial
admonitory	ancestral	apostasy	artificiality
adulterer	ancestress	apostate	artillery
adulteress	ancestry	apostolic	artisan
adulterous	anesthetic	apostrophe	artist
adultery	anesthetist	apparatus	artiste
advantage	anesthetize	appendectomy	artistic
advantageous	angina pectoris	appendicitis	artistically
adventitious	annotate	appertain	asafetida
advertise	antagonism	appetite	asbestos
advertisement	antagonistic	appetizer	ascertain
aeronautical	antagonize	appointive	ascetic
aeronautics	antarctic	appreciative	asceticism
aesthetic	ante	apprentice	aseptic
affectation	antecedent	appurtenance	asphaltum
affirmative	antechamber	aptitude	aspirator
afflatus	antedate	aquatic	assault
after	antediluvian	arbiter	assets
agitate	antelope	arbitral	assistance
agnostic	antenna	arbitrament	assistant
alabaster	anterior	arbitrarily	aster
alabatross	anteroom	arbitrary	asterisk
alimentary	anti	arbitrate	asteroid
alligator	antibody	arbitration	asthmatic
alliteration	antic	arborvitae	astigmatism
alphabetize	anticipatory	archetype	astound
altar	anticlimax	architect	astrakhan
alter	antics	architectural	astral

astringent	autonomous	benighted	canteen
astrolabe	autonomy	bestow	canter
astrologer	autopsy	bestrew	cantilever
astrological	autumn (A)	beta	cantle
astrology	autumnal	betel	canto
astronomer	avater	betray	cantonal
astronomical	aviator	betroth	cantonment
astronomy	axiomatic	between	capita
astute	bacteria	betwixt	capital
asymmetrical	bacteriological	bimetallism	capitalistic
assymmetry	bacteriology	biotite	capitalization
atavism	bacterium	biting	capitalize
atavistic	badminton	*bitumen	capitation
atelier	bagatelle	*bituminous	capitol (C)
athletic	ballista	blatant	capstan
Atlantic	baluster	blister	captain
atlas	balustrade	bluster	captivate
atmosphere	banister	boisterous	captive
atmospheric	bantam	bolster	captivity
atoll	banter	bootee	captor
atom	bantling	Boston	carburetor
atomic	baptism	botanic	carotid
atomizer	baptismal	botanist	carpenter
atomy	baptistry	botanize	carpentry
atrium	baptize	botany	cartel
atrocious	baritone	bountiful	cartilage
atrocidity	barometer	bounty	cartilaginous
atrophy	barometric	boutonniere	carton
attentive	barrister	brevet	cartoon
attestation	barter	brigantine	cartridge
attitude	basement	brilliantine	caryatid
attractive	bastard	British	castanets
attributable	bastille	bronchitis	castellated
auditorium	bastinado	brutal	castigate
auditory	bastings	brutality	castigation
augmentation	batik	brutalize	castor
auster	baton	brutish	castrate
austerity	batrachian	bulletin	casualty
authenticity	beaten	bustard	cataclysm
authoritarian	beatific	butler	cataclysmic
authoritative	beatify	cactus	catacomb
authority	beatitude	cafeteria	catafalque
auto	beautiful	calamitous	cataleptic
autobiography	beautify	calculator	catalogue
autocracy	beauty	calorimeter	catalpa
autocrat	bedstead	calumniator	catamount
autograph	beetle	canister	catapult
automatic	beetling	cannibalistic	cataract
automaton	belated	cantaloupe	catarrh
automobile	benefactress	cantankerous	catastrophe
automotive	benefactor	cantata	catastrophic

catawba	chapter	collaborator
catechise	character	collateral
catechism	characteristic	collective
catechist	characterization	collegiate
catechumen	character ^y	combatant
categorical	charitable	combative
category	charlatan	combustible
cater	charter	comestible
caterer	chastise	commentary
caterpillar	chastity	commentator
caterwaul	chateau	commonalty
cathartic	chatelaine	communicative
catheter	chautauqua	communistic
catkin	chemistry	commutation
catnip	chesterfield (C)	commutator
catsup	chieftain	comparative
caustic	chintz	compartment
cauterize	chiton	compatibility
cemetery	cholesterol	compatible
cenotaph	chorister	compatriot
centaur	chortle	compensatory
centavo	chromatic	competence
centenarian	chronometer	competent
centenary	cinematograph	competition
centennial	circuitous	competitive
center	circulatory	competitor
centigrade	circumstance	complementary
centigram	circumstantial	complimentary
centime	cistern	composer
centimeter	citadel	comptroller
centimetre	citation	computation
centipede	citizen	concatenation
central	citrous	concentration
centralization	citric	concentric
centralize	citron	concerted
centre	clandestine	concerto
centrifugal	clematis	conciliatory
centripetal	clientele	concomitant
centurion	climatic	conductive
certain	cloister	conductivity
certainty	cloistral	conduit
certes	cluster	confirmatory
certificate	coadjutor	confiscatory
certification	cockatoo	confluent
certified	cockatrice	confutation
certify	coexistence	congenital
certitude	coextensive	congratulatory
chanticleer	cogitate	connective
chantry	cogitation	connotation
chaotic	coincidental	conquistador

consecutive	contents	contumacy
conservatism	contest	contumely
conservative	context	contusion
conservatoire	contiguity	conventicle
conservator	contiguous	convertible
conservatory	continence	cooperative
consistence	continent	cooperator
consistory	continental	coquetry
consolatory	contingency	cormorant
conspirator	continual	correlative
constable	continuance	cortège
constabulary	continuation	cortex
constancy	continue	cortical
constant	continuity	cosmetic
constellation	continuous	cosmopolitan
consternation	contort	costard
constipated	contortion	coster
constipation	contour	costermonger
constituency	contraband	costume
constituent	contraceptive	costumier
constitute	contract	coterie
constitution	contractile	cotyledon
constitutionality	contractility	coulter
constrain	contraction	countenance
constrict	contractual	counterfeit
constriction	contradict	countermand
constrictive	contradiction	counterpane
construct	contradictory	countrified
construction	contradistinction	country
construe	contralto	county
consultative	contraption	coup d'état
consultation	contrapuntal	courteous
consumptive	contrariety	courtesan
contact	contrariwise	courtesy
contagion	contrary	courtier
contagious	contrast	coventry
contain	contravene	covetous
contaminate	contravention	creative
contamination	contribute	creditable
contemn	contribution	cretonne
contemplate	contributor	criterion
contemplation	contributory	critic
contemplative	contrite	criticize
contemporaneous	contrition	criticism
contemporary	contrivance	critique
contempt	contrive	croton
contemptible	control	crouton
contemptuous	controversial	cruelty
contend	controversy	crustacean
content	controvert	cryptigram
contention	contumacious	crystal

crystallize	demented	determine	diminutive
cultivate	demilitarize	deterrent	director ^{ate}
cumulative	democratize	detest	disaster
curative	demonstrable	detestation	disastrous
curator	demonstration	detonate	discriminating
curtail	demonstrative	detonation	disgruntled
curtain	demonstrator	detract	disintegration
curtal	demotic	detract ^{ion}	disjunctive
curtsey	denominator	detriment	disputable
custard	dental	detrimental	disputant
custodian	dentifrice	detritus	disputation
custody	dentine	devastate	dissect
custom	dentist	devastation	dissertation
customary	dentition	developmental	distaff
cutaneous	departmental	deviltry	distain
cuticle	depilatory	devitalize	distal
cutlass	deportation	devotee	distance
cutlery	deposit	dexter	distant
cyclometer	depository	dexterity	distend
dactyl	depository	dexterous	distension
daguerreotype	deprecatory	dextrin	distention
daintily	deputation	dextrous	distich
dainty	deputy	diabetes	distill
dastard	derivative	diabetic	distillate
data	dermatologist	diagnostic	distillation
dative	derogatory	diagnostician	distinct
datum	deserter	diagrammatic	distinction
daughter	desiderata	dialectic	distinctive
dealt	desideratum	dialectical	distinguish
debatable	despotism	diameter	distort
debilitate	destination	diametrical	distortion
debutante	destine	diastase	distract
decapitate	destitute	diatom	distract ^{ion}
deceptive	destitution	diatonic	distract
decimate	destroy	dicotyledon	distract
decimeter	destruction	dictate	distract
declamatory	destructive	dictation	distract
declaratory	desuetude	dictator	distract
decorative	desultory	dictatorial	distract
decrepitude	detach	dictum	distract
decretal	detail	didactic	distract
dedicatory	detain	dietary	distract
deductive	detect	dietetic	distract
defamatory	detection	dietician	distract
definitive	detention	difficulty	distract
dejected	deter	digitalis	distract
delectable	deteriorate	digestibility	distract
delectation	deterioration	dignitary	distract
deleterious	determinable	dilapidated	distract
delicatessen	determinate	dilatory	distract
delta	determination	dilettante	distract

domestication	electrometer	equestrian	exploratory
domesticity	electromotive	equinoctial	exportation
donative	electron	equitable	expositor
dormitory	electrophorus	erotic	extant
dotard	electroscope	erratic	extemporaneous
doughty	electrostatic	escalator	extempore
dramatic	electrotype	escritoire	extemporize
dramatization	electrum	esoteric	extend
dramatize	elemental	establish	extension
drastic	elementary	esteem	extensive
ductile	elephantine	ester	extent
ductility	elliptical	esthetic	extemate
duteous	emblematic	estimable	extenuation
dutiable	emeritus	estimate	exterior
duty	emetic	estimation	external
dynastic	eminence	estrangle	extinct
dynasty	emphatic	eta	extinction
dysentery	empty	eternal	extinguish
dyspeptic	encyclopedist	eternity	extirpate
eccentric	energetic	etude	extirpation
eccentricity	enigmatic	etymological	extol
ecclesiastic	entablature	etymology	extort
eclectic	entente	eucalyptus	extortion
ecliptic	enter	eulogistic	extortionate
ecstasy	enteric	exactitude	extra
ecstatic	enterprise	exaltation	extract
ectoderm	entertain	excitability	extraction
editor	enthusiastic	excitation	extradite
editorial	entice	exclamatory	extradition
effrontery	entire	excretory	extraneous
eglantine	entirety	excruciating	extraordinary
egotism	entity	executive	extravagance
egotistic	entomological	executor	extravaganza
elastic	entomology	exegetical	extreme
elasticity	entourage	exhaustive	extremity
electoral	entrails	exhibiter	extricate
electorate	entrance	exhortation	extrude
electric	entrant	existence	extrusion
electrical	entree	exorbitant	exultant
electrician	entrepreneur	exotic	exultation
electricity	entresol	expatriate	facilitate
electrification	entry	expatriation	factitious
electrify	environmental	expectancy	factory
electro	epigrammatic	expectation	factotum
electrocute	epileptic	expectorate	faculty
electrocution	epistemology	expectoration	falter
electrode	epistolary	experimental	fanatic
electrolyte	epitaph	experimentation	fantastic
electrolytic	epitome	explanatory	fantasy
electromagnet	epitomize	expletive	fastidious
electromagnetism	equatorial	exploitation	fatal

fatalistic
 fatality
 fatigue
 faucet
 fealty
 felicitate
 felicitation
 fermentation
 fertile
 fertility
 fertilization
 fertilize
 festa
 festal
 fester
 festival
 festive
 festivity
 festoon
 fetid
 fetish
 fetlock
 feudatory
 fictitious
 fiesta
 fifteen
 fifty
 figurative
 filibuster
 filter
 filtration
 fixative
 flibbertigibbet
 flirtation
 flotation
 flotilla
 flotsam
 fluster
 fomentation
 formative
 fortalice
 fortification
 fortify
 fortitude
 fortress
 fortuitous
 forty
 foster
 fountain
 fourteen
 frailty

frankfurter
 frantic
 fraternal
 fraternity
 fraternize
 frontier
 frontispiece
 fructification
 fructify
 frustrate
 frustration
 fugitive
 fundamental
 furtive
 fusty
 futile
 futility
 futurity
 gaiety
 gaiter
 galactic
 gallantry
 galvanometer
 gamester
 gangster
 gantlet
 garter
 gastronomy
 gastropod
 gayety
 gelatin
 gelatinous
 genetic
 genital
 genitive
 genteel
 gentile
 gentility
 gentle
 gently
 geodetic
 geometric
 geometry
 gesticulate
 gesticulation
 ghastly
 gigantic
 gladiator
 gladiatorial
 glister
 gluten

glutinous
 glutton
 governmental
 grammatical
 gratification
 gratify
 gratis
 gratitude
 gratuitous
 gratuity
 gravitate
 gravitation
 grotesque
 guarantee
 guillotine
 guitar
 gustatory
 gusto
 habitat
 habitation
 habitude
 halitosis
 hastily
 hatred
 haughty
 hauteur
 hecatomb
 hectic
 hector
 helicopter
 heliotrope
 helterskelter
 hematite
 hepatic
 heptarchy
 hereditary
 heretic
 heretical
 heritable
 heritage
 hermetically
 hesitancy
 hesitate
 hesitation
 heterodox
 heterogeneous
 hexameter
 hiatus
 hieratic
 hinterland
 hippopotamus

histology	impertinence	instance
historian	imperturbable	instant
historic	impetus	instantaneous
history	importance	instead
histrionic	important	instigate
holster	importation	instigation
homestead	importune	instinct
horizontal	importunity	institute
horticulture	imposter	institution
hospitable	impotence	instruct
hospital	impromptu	instruction
hospitality	imputation	instrument
hospitalization	inadvertently	instrumental
hostage	incantation	instrumentation
hostel	incapacitate	intaglio
hostile	incentive	intangible
hostility	incidental	integer
hotel	incognito	integral
howitzer	incontestable	integration
huckster	incrustation	integument
humanitarian	indefatigable	intellect
hurtle	indentation	intellectual
hydrometer	indestructibility	intelligence
hygrometer	indicative	intelligent
hymenoptera	indispensable	intelligentsia
hypnotic	individualistic	intelligible
hypnotism	indoctrinate	intensification
hypnotize	indomitable	intensify
hypotemise	indubitable	intensive
hypothetical	industrial	intent
hysteria	industrious	intention
hysterie	industry	inter
idealistic	inebriety	interaction
identical	inevitable	intercalate
identification	inextricable	intercede
identify	infanticide	intercellular
identity	infantile	intercept
idiomatic	infantry	intercession
idiotic	infinitesimal	interchange
idolatry	infinitive	interchangeable
illiterate	infinitude	intercollegiate
illustrate	inflammatory	intercolonial
illustration	informative	intercommunication
illustrious	inimitable	intercourse
imaginative	initiative	interdependence
imitate	inquisitive	interdependent
imitation	inquisitorial	interdict
immutable	inscrutable	interdiction
impedimenta	insistence	interest
imperative	install	interfere
imperialistic	installation	interference

interfuse	intersection	inveterate
interim	interspace	invitation
interior	intersperse	iota
interject	interstate	irrefutable
interjection	interstice	irritability
interknit	interstitial	irritable
interlace	intertwine	irritate
interlock	intertwist	isometric
interlocutor	interurban	italic
interlocutory	interval	italics
interloper	intervene	italicize
interlude	intervention	Italy
interlunar	interview	iterate
intermarry	interweave	item
intermarriage	interwoven	itinerant
intermeddle	intestate	itinerary
intermediary	intestine	its
intermediate	intimacy	janitor
interminable	intimate	jetsam
intermingle	intimation	jitney
intermission	intimidate	junta
intermit	into	junto
intermittent	intolerable	justice
intermix	intolerance	justifiable
intermixture	intonation	justification
intern	intone	justify
internal	intoxicant	juxtapose
international	intoxicate	juxtaposition
internationalism	intrepid	katydid
internationalist	intrepidity	kilometer
internationalize	intricacy	kindergarten
internationally	intricate	kinetic
interne	intrigue	kirtle
internecine	intrinsic	laboratory
interpenetrate	introduce	lactal
interpolate	introduction	lactic
interpellation	introductory	lactose
interpolation	introspection	lacustrine
interpose	introvert	lamentable
interposition	intrude	lantern
interpret	intrusion	lassitude
interpretation	intrust	lateen
interregnum	intuition	latent
interrelation	intuitive	lateral
interrogate	invective	latex
interrogative	inventive	Latin
interrogation	inventor	latitude
interrogatory	inventory	latrine
interrupt	invertibrate	laudatory
interruption	investiture	laughter
intersect	investigate	lavatory

laxative	mantelet	metalloid	monotony
laxity	mantilla	metallurgical	monster
legates	mantle	metallurgy	monstrous
legitimate	manufactory	metamorphose	monumental
lenten (L)	marital	metamorphosis	moratorium
lentil	maritime	metapjor	morganatic
liberty	marquetry	metaphysica	mortal
licitor	marten	metatarsal	mortar
lieutenant	martinet	meteor	mortician
limitation	martyr	meteoric	mortification
linguistic	master	meteorite	mortify
lintel	masticate	meteorology	mortise
liter	mastication	meter	mosquito
literal	mastiff	meticulous	motif
literary	mastodon	metre	motile
literature	matador	metric	motivate
litany	mater	metropolis	motive
litigation	material	metropolitan (M)	motley
liturgy	materialistic	metronome	motor
lobster	materialize	micrometer	mountain
loiter	maternal	migratory	mountebank
longitude	maternity	militant	mufti
lotos	mathematical	militaristic	muleteer
lotus	mathematician	militarism	multicolored
loyalty	mathematics	military	multifarious
lucrative	matinee	militate	multiform
lunatic	matins	minister	multigraph
lustrous	matrimony	ministerial	multiple
lymphatic	matriculate	ministration	multiplication
macintosh	matriculation	ministry	multiplicity
maelstrom	matrix	minster	multiply
maestro	matron	minstrel	multitude
magenta	mature	minute	mustache
magisterial	matzoth	mister (M)	mustachio
magnet	mayoralty	mistress	mustang
magnetism	meditate	miter	mustard
magnetite	meditation	mitigate	muster
magnetization	memento	mitigation	mutable
magnetize	meningitis	modernistic	mutability
magneto	menstruation	modesty	mutation
magnitude	mental	moiety	mutilate
maintain	mentor	molestation	mutation
maintenance	mephitic	molten	mutiny
majestic	mercantile	momentous	myrtle (M)
majestically	meretricious	monastery	mysterious
majesty	meritorious	monastic	mystery
maltster	mestizo	monetary	mystic
mandatory	metabolism	monitor	mystification
manifestation	metabolic	monopolistic	mystify
manometer	metal	monotone	naivete
mantel	metallic	monotonous	narcotic

narrative	nugatory	orchestral	pastel
nasturtium	numerator	orchestration	pastern
nasty	numismatics	oriental (O)	pastime
natal	nutrient	orientation	pastor
nationalistic	nutrition	ornamental	pastoral
native	nutritive	ornamentation	pastorate
natron	obligatory	ortolan	pastry
naturalistic	obliterate	osmotic	paten
nautical	observatory	ostensible	patent
nautilus	obstacle	ostentation	patentee
necessitate	obstetric	ostracism	pater
nectar	obstetrician	ostracize	paternal
nectareous	obstinacy	ostrich	paternity
nectarine	obstinate	outrageous	pathetic
negative	obstreperous	ovipositor	patio
nephritis	obstruct	oyster	patois
nepotism	obstruction	palatal	patriarch
nestling	obtain	palatinate	patrician
neuritis	obtrude	palatine	patrimony
neurotic	obtuse	paleontology	patriot
neuter	occidental (O)	palliative	patriotic
neutral	occipital	palmistry	patriotism
neutralize	octagon	palpitate	patrol
nicety	octagonal	palpitation	patron
nicotine	octave	palter	patronize
nifty	octavo	paltry	patroon
nightingale	October	pancreatic	pectine
nineteen	octogenarian	pantaloon	pectoral
ninetieth	octopus	pantomime	pedantic
ninety	octroi	pantry	pedestal
niter	ointment	paralytic	pedestrian
nitrate	oldster	parasitic	penalty
nitric	olfactory	parental	penates
nitrogen	omnipotence	parenthetical	penetrate
nitrification	omnipotent	parietal	penetration
nitroglycerin	operative	parliamentary	penitence
nitrous	operative	partake	penitent
nitwit	opinionated	parterre	penitential
nocturnal	opportune	participate	penitentiary
nocturne	opportunity	participation	pentagon
nominative	optic	participle	pentagonal
nostril	optician	particle	pentameter
nostalgia	optimism	particolored	pentathlon
nostrum	optimist	particular	pentecostal (P)
notary	optimum	partisan	perceptible
notice	orangoutang	partition	peremptory
notification	orator	partner	perfunctory
notify	oratorical	partook	perimeter
notoreity	oratorio	partridge	peripatetic
notorious	oratory	party	peristalsis
novelty	orchestra	passementerie	peritoneal

peritonitis	pistol	postal	preternatural
permutation	piston	posterior	preventative
perpetration	pitapat	posterity	primitive
persistence	piteous	postern	prismatic
persistent	pituitary	postilion	pristine
perspective	placenta	postmortem	privateer
pertain	plaintiff	postpone	problematical
pertinacious	plaister	potash	procrastinate
pertinent	planetary	potassium	procrastination
perturb	plankton	potation	proctor
perturbation	plantation	potato	proctorial
pestiferous	plaster	potency	procurator
pestilence	plastic	potent	profiteer
pestilent	plasticity	potentate	progenitor
pestilential	plastron	potential	prognosticate
pestle	plateau	potsherd	prohibitive
petal	platen	poulterer	prohibitory
Peter	platform	poultice	proletarian
petiole	platinum	poultry	promontory
petit	platitude	poverty	promptitude
petite	platoon	practicable	property
petition	plectrum	practical	prophetic
petral	plenitude	practice	prophylactic
petrification	plenteous	practitioner	propitiatory
petrify	plenty	praetor	proprietary
petrol	plutocrat	praetorian	proprietor
petroleum	pneumatic	pragmatic	propriety
petunia	poetaster	precentor	prospective
pewter	poetic	precipitate	prospectus
phaeton	poetry	precipitation	prostitute
phantasm	polenta	predatory	prostitution
phantasy	politic	predestinate	prostrate
phantom	political	prefatory	prostration
pharmaceutical	politician	premature	protagonist
philter	poltroon	premonitory	protect
phlegmatic	pomatum	prentice	protection
phonetic	pontiff	preparatory	protectorate
phosphatic	pontifical	preposterous	protege
photo	pontificate	prerogative	proteid
photograph	pontoon	presbyterian (P)	protest
phylactery	portal	presbytery (P)	protestant (P)
piaster	portend	presentation	protocol
pictorial	portent	preservative	protoplasm
pietistic	portentous	prestige	prototype
piety	portico	presto	protozoan
pilaster	portiere	presumptive	protract
pimento	portmanteau	pretend	protrude
piratical	portrait	pretense	protuberance
pistachio	portraiture	pretension	provocative
pistil	portray	pretentious	psaltery
pistillate	positive	preterit	psychiatry

ptarmigan	recitation	resuscitate	rusticity
pterodactyl	recitative	resuscitation	rutabaga
ptomaine	reconnoiter	retain	sabbatical
ptymalin	rectal	retaliate	sabotage
puberty	rectangle	retaliation	sacerdotal
punctilio	rectangular	retaliatory	sacramental
punitive	rectification	retard	sacristan
purgative	rectitude	retardation	sacristy
purgatory	rector	retention	sacrosanctity
puritan (P)	rectory	retentive	safety
puritanical	rectum	reticence	saleratus
putrefaction	refectory	retina	salutary
putrefy	reformatory	retinue	salutation
putrid	refutation	retire	sanatorium
quadratic	regimentation	retort	sanctification
qusestor	register	retract	sanctify
qualitative	registrar	retraction	sanctimonious
quantitative	registration	retreat	sanctity
quantity	regurgitate	retribution	sanctum
quantum	rehabilitate	retrieve	sanitary
quarantine	rehabilitation	retrograde	sanitation
quarter	reiterate	retrogression	saprophytic
quartet	relative	retrospect	sarcastic
quarto	relativity	retrospection	sartorial
quartz	reluctance	retrousse	satan (S)
quartzite	reluctant	return	satanic
quaternary	remonetize	rheostat	sateen
quatrain	remonstrance	rhetoric	satellite
quatre	remonstrate	rhetorical	satiety
quietude	repartee	rhetorician	satin
quietus	repentance	rheumatic	satire
quintessence	repertoire	rhymester	satiric
quintet	repertory	rickets	satirize
quittance	repetition	ritualistic	satisfaction
quixotic	repository	roadster	satisfactory
quota	representation	roister	satisfy
quotation	representative	romantic	satrap
raft	reptile	roster	Saturday
rafter	reptilian	rostrum	saturnine
ratification	reputation	rotary	satyr
ratify	resistance	rotate	saunter
rationalistic	resonator	rotatory	saute
ratline	respectability	rotogravure	sauterne
realtor	respiratory	rotund	scarlatina
realty	restaurant	rotunda	scepter
recalcitrant	restitution	roustabout	sceptic
recantation	restorative	routine	schematic
receptacle	restore	royalty	schismatic
receptive	restrain	rudimentary	scholastic
receptivity	restriction	rustic	sciatica
recital	resultant	rusticate	scientific

scimitar	shifty	stabilization	station
scintilla	shyster	stabilize	statistical
scintillate	siesta	stable	statistician
sclerotic	signatory	stablish	statuary
scrutinize	similitude	staccato	statue
scrutiny	simpleton	stack	stature
sculptor	simultaneous	stadium	status
seamstress	singleton	stadtholder	statute
scintillation	sinister	staff	statutory
secretariate	sixteen	stag	staunch
secretary	skeleton	stage	stave
secretive	skeptic	stagger	stay
sectarian	slaughter	stagnant	stead
sector	sobriety	stagnate	steady
sedative	socialistic	stagnation	steak
sedentary	society	staid	steal
sedimentary	solicitation	stain	stealth
segmentation	solicitude	stair	steam
segmental	solitaire	stake	steapsin
seltzer	solitary	stalactite	stearin
semester	solitude	stale	steed
sempiternal	solstitial	stalk	steel
sempstress	sonata	stalagmite	steenbok
senator	songster	stall	steep
senatorial	sophisticated	stallion	steeple
senorita	sophistication	stalwart	steer
sensitive	sortie	stamen	stein
sensitivity	soutache	stamina	stele
sensitize	sovereignty	staminate	stellar
sentence	specialty	stammer	stem
sententious	spectacle	stamp	stench
sentiment	spectacular	stampede	stencil
sentimental	spectator	stance	stenographer
sentimentality	specter	stanch	stenographic
sentinel	spectroscope	stanchion	stentorian
sentry	spectrum	stand	step
September	speculate	standard	steppe
septic	speculative	standardize	stereoscope
septum	speedometer	stanhope	stereotype
sequester	spermatozoon	stanza	sterile
sequesterate	spinster	staple	sterility
sequestration	spirometer	star	sterilization
servitude	spitz	starch	sterilize
seventeen	splenetic	stare	sterling
seventy	splinter	stark	stern
sextant	spontaneity	start	sternum
sextet	spontaneous	startle	stethoscope
sexton	sprightly	starvation	stevedore
shantung	sputum	starve	stew
shanty	stab	state	steward
shelter	stability	static	stick

stickle	stout	strophe	subterranean
stiff	stove	strove	subterraneous
stifle	stow	struck	subtility
stigma	straddle	structure	subtle
stigmatic	straggle	struggle	subtlety
stigmatize	straight	strum	subtract
stile	strain	strumpet	subtraction
stiletto	strait	strung	subtrahend
still	strand	strut	succotash
stilt	strange	strychnin	suitability
stimulation	stranger	stub	suitor
stimulus	strangle	stubble	sulphureted
sting	strangulation	stubborn	sultan
stingy	strap	stucco	sultana
stink	strata	stuck	sultanate
stint	stratagem	stud	sultry
stipend	strategic	student	sumpter
stipple	strategy	studio	superintend
stipulate	stratification	studious	superintendent
stipulation	stratify	study	superlative
stipule	stratum	stuff	superstition
stir	stratus	stultify	superstitious
stirrup	straw	stumble	suppository
stitch	stray	stump	surety
stiver	streak	stun	surreptitious
stoa	stream	stung	surtout
stoat	street	stunt	superannuated
stock	strength	stupefaction	susceptibility
stockade	stremous	stupefy	susceptible
stocking	stress	stupendous	sustain
stodgy	stretch	stupid	sustenance
stoic	strew	stupidity	suzerainty
stoicism	striated	stupor	sweater
stoke	stricken	sturdy	swelter
stole	strict	surgeon	syllogistic
stolid	stricture	stutter	symmetrical
stolidity	stride	sty	symmetry
stolon	strident	style	sympathetic
stoma	strife	stylus	symptom
stomach	strike	styptic	symptomatic
stomata	string	subaltern	syntax
stone	stringent	subjunctive	synthetic
stood	strip	subsistence	syphilitic
stool	stripe	substance	system
stoop	strive	substantial	systematic
stop	striven	substantiality	systematize
storage	strode	substantiate	systemic
store	stroke	substantive	taciturn
stork	stroll	substitute	taciturnity
storm	strong	substitution	tactician
story	strop	subterfuge	tactile

taffeta	tomtom	utensil	victory
tamoshanter	tonsillitis	uterus	victrola
tantalize	topsyturvy	utilitarian	vigilante
tantalous	tortoise	utility	vindictive
tantalus	total	utilization	vintage
tantamount	totality	utilize	vintner
tantrum	totem	utmost	viosterol
tapestry	tractate	utopia	visitation
tapster	tractor	valedictory	vista
tartan	traitor	valentine	vital
tartar	trajectory	vantage	vitality
tartaric	transcendental	variety	vitamin
teamster	transitive	vector	vitreous
teeter	transitory	vegetable	vitriol
temperamental	transportation	vegetarian	vituperation
temptation	travertine	vegetate	volatile
tenet	travesty	vegetation	volatility
tentacle	treatise	ventilate	voltaic
tentacular	tributary	ventilation	volumetric
tentative	trickster	ventral	voluntary
terrestrial	tricotine	ventricle	volunteer
territory	trigonometry	ventriloquist	vortex
testa	trimeter	verbatim	vorticella
testament	tripartite	verisimilitude	votary
testamentary	trustee	veritable	votive
testator	testse	versatile	waltz
testify	tungsten	versatility	wanton
testimony	turpentine	vertebra	Washington
tetanus	turpitude	vertebrate	water
tete-a-tete	turtle	vertex	welter
textile	tutelage	vertical	whiffletree
theater	tutelary	vertigo	whortleberry
theatrical	tutor	vestal	winter (W)
theistic	twenty	vestibule	wisteria
theoretical	ubiquitous	vestige	wistful
therapeutic	ulster	vestry	witness
thermometer	ulterior	veteran	worsted
thermostat	ultimate	veterinary	yesterday
thirteen	ultimatum	veto	yestereve
thirty	ultra	viaticum	yestermorn
ticktock	ultramontane	vibratory	yesternight
tintinnabulation	unalterable	vicissitude	yesteryear
titanic	undulatory	victim	youngster
title	until	victor (V)	zeta
tomato	upholsterer	victoria (V)	

35.1d t finally, alone or in clusters, as in sit [sɪt], amongst [ə'mʌŋkst]. For complete list of clusters, see introduction to this section.

For words with t in the ending ist, see section 18.20c. For words with t in endings ant and ent, see section 18.1c and .2b.

abaft	annulet	bedight	breakfast
abbot (A)	anoint	beet	breast
abduct	ant	begat	bright
abject	appoint	begirt	brisket
about	apricot	behest	brooklet
abrupt	apt	belt	brought
absent	aqueduct	benedict (B)	bruit
abut	arbalest	benefit	brunet
accent	architect	bent	brunt
accept	aristocrat	bequest	bucket
accompt	armlet	bereft	budget
accost	arrest	beset	buffet
account	art	besought	built
accredit	ascent	besprent	bullet
acquaint	ascot	best	bunt
acquit	aspect	bet	bureaucrat
acrobat	asphalt	betwixt	burnt
act	assent	bight	burst
adamant	assert	bigot	bust
adapt	asset	billet	but
addict	assignat	biscuit	cabaret
addict	assist	bisect	cabinet
adept	assort	bit	cadet
adjunct	at	blanket	caitiff
adjust	attaint	blast	calumet
admit	attempt	bleat	cannot
adopt	attest	blent	canst
adroit	attract	blest	cant
adult	audit	blight	can't
advent	aught	bloat	caput
advert	August	blot	carat
aeronaut	aunt	bluet	carcanet
affect	avaunt	blunt	caret
affidavit	avert	blurt	carpet
afflict	bait	boast	carrot
against	ballast	boat	cart
aghaſt	ballot	bolt	casement
albeit	bandit	bombast	casket
alert	bankrupt	bonnet	cast
allot	banneret	booklet	casuist
almost	banquet	boost	cat
amethyst	baronet	boot	catamount
amidst	basalt	bought	catapult
amongst	basket	bout	cataract
amount	basset	bowsprit	caught
amulet	bassinet	bracelet	cavort
analyst	bast	bracket	cement
anchoret	bat	bract	cent
anent	bayonet	braggart	chant
animadvert	beast	brant	chaplet
anklet	beat	brat	chariot

chart	congest	crosslet	detract
chat	conjoint	crotchlet	devout
chaunt	connect	cruet	dialect
cheat	conquest	crumpet	didn't
cheroot	conscript	crust	diet
chest	consent	cubit	difficult
chestnut	consist	culprit	digest
cheviot	constraint	cult	dight
chit	constrict	culvert	digit
Christ	construct	curt	dint
circlet	consult	curvet	diplomat
circuit	contact	cut	direct
circumspect	contempt	cutlet	dirt
circumvent	content	cyclist	discomfit
civet	contest	cygnet	disgust
claret	context	cyst	disrupt
clarinet	contort	daft	dissent
clarinet	contract	dart	distinct
cleat	contradict	daunt	distort
cleft	contrast	davit	distract
closet	controvert	debit	distraught
clot	convert	debt	district
cloudlet	convict	debutant	divert
clout	coot	decant	divest
coast	cornet	deceit	doat
coat	coronet	decent	docket
cobalt	correct	decrepit	doesn't
coconut	corrupt	deduct	doit
coexist	corselet	defeat	dolt
cohort	corset	defect	don't
collect	cosset	deficit	dost
colt	cost	deflect	dot
combat	cot	deft	doublet
comfit	couldn't	defunct	doubt
comet	couldst	deist	doughnut
comfort	count	delft	draft
comment	counterfeit	delight	draught
commissariat	couplet	demerit	dreamt
commit	court	democrat (D)	drest
compact	coverlet	dent	dribblet
compatriot	covert	depart	drift
complaint	covet	depict	droplet
comport	craft	deport	drought
compost	cravat	derelict	drugget
conceit	credit	descant	ducat
concert	crept	desert	duct
concoct	cresset	desist	duet
concordat	crest	despot	durst
conduct	cricket	dessert	dust
conflict	criminologist	detect	dwelt
confront	croft	detest	dynast

eaglet	facet	freight	grout
earnest	fact	freshet	grunt
east (E)	faggot	fret	guest
eat	fagot	fright	guillemot
edict	faint	front	guilt
edit	farthest	frontlet	gullet
effect	fast	frost	gusset
effort	fat	fruit	gust
eft	fault	furthest	gut
egret	feast	gadget	gymnast
eight	feat	gainst	habit
eject	feet	gait	habitat
eldest	feint	galliot	hadn't
elect	felt	gallivant	hadst
elicit	ferment	gamut	haft
emit	ferret	gantlet	halbert
emmet	fiat	garnet	halibut
enchant	fidget	garret	halt
enthusiast	fight	gasket	hamlet (H)
epaulet	filbert	gat	harlot
epithet	filet	gaunt	hart
erect	fillet	gauntlet	harvest
erst	first	gent	hasn't
erupt	fist	get	hast
escort	fit	ghost	hat
event	flabbergast	giant	hatchet
evict	flageolet	gibbet	haunt
exact	flagrant	giblet	haven't
exalt	flamboyant	gift	heart
except	flat	gilt	heat
excerpt	flaunt	gimlet	heft
exempt	fleet	girt	height
exert	flibbertigibbet	gist	helmet
exeunt	flight	git	helot
exhaust	flint	glint	hermit
exhibit	flirt	gloat	hight
exhort	flit	glut	hilt
exist	float	gnat	hint
exit	flout	goat	hist
expect	floweret	goblet	hit
expert	foist	gorget	hoist
explicit	foment	got	holocaust
exploit	font	gout	honest
export	foot	graft	hoot
extant	forest	grant	hornet
extent	forfeit	great	host
extinct	forget	greet	hot
extort	fort	grist	hunt
extract	fought	grit	hurt
exult	fount	groat	hut
eyelet	fraught	grot	hydrant

iconoclast	junket	mantelet	night
idiot	just	manuscript	nit
illicit	jut	margent	nitwit
implicit	kept	market	nondescript
incest	kilt	marmoset	not
indict	kit	marmot	nought
inept	knelt	mart	mugget
inert	knight	martinet	nut
infant	knit	mascot	oat
infect	knot	mat	object
infest	lament	mayn't	obstruct
inflict	lancet	mayst	occult
ingot	lappet	meant	ocelot
inherit	lariat	meat	oft
inhibit	last	meet	omelet
inject	latchet	melt	omit
innocent	leaflet	merit	onslaught
insect	leant	met	orbit
insert	leapt	midget	orient (0)
insist	learnt	midst	ornament
inspect	least	might	ought
instinct	left	millet	oust
instruct	lent	minaret	out
insult	lest	mint	outlet
intellect	let	minuet	overt
intent	leveret	mist	owlet
intercept	lift	mizzenmast	packet
interdict	light	moat	pact
interest	lilt	modest	paint
interject	limit	moist	pallet
intermit	limpet	molest	pamphlet
interpret	linguist	molt	pant
interrupt	linnet	moment	paramount
introvert	lint	moot	parapet
invent	list	mort	parquet
invert	lit	most	parrot
invest	liverwort	moult	part
islet	locket	mount	past
isn't	locust	mulct	pat
it	loft	mullet	patriot
jacket	loot	musket	peat
jaunt	lost	must	pellet
jennet	lot	nascent	pelt
jest	lout	naught	pent
jet	lust	neat	percent
jilt	maggot	needn't	percept
joint	malapert	neglect	perfect
joist	mallet	nest	permit
jolt	malt	net	persist
jot	manchet	newt	pert
joust	manifest	next	pervert

pest	protect	represent	scoot
pet	protest	request	scot (S)
pianist	protract	resent	scout
picket	provost	resist	script
pilot	psychoanalyst	resort	scut
pint	pullet	respect	seat
piquet	pulpit	rest	secret
pit	punt	restaurant	secretariat
pitapat	puppet	restraint	sect
pivot	purist	result	select
placket	purport	resurrect	sennight
plaint	pursuit	retort	sent
plait	put	retract	set
planet	quaint	retreat	sextet
plant	quart	retrospect	shaft
plat	quartet	revert	shallot
plaudit	quest	revolt	shalt
pleat	quiet	rheostat	shan't
plight	quillet	ricochet	sheet
plot	quilt	rift	shent
plummet	quint	right	sherbet
plutoerat	quintet	ringle	shift
pocket	quirt	riot	shirt
poet	quit	rivet	shoot
point	quoit	rivulet	short
polyglot	rabbit	roast	shot
port	racket	robust	shouldn't
portrait	rampart	rocket	shouldst
posset	rant	romaunt	shout
post	rapport	roost	shrift
pot	raft	root	shunt
pout	rat	rootlet	shut
precept	ratchet	rot	sift
precinct	rebut	rout	sight
predict	recant	runlet	signet
preempt	receipt	runt	silt
prefect	recruit	russet	sit
present	rectify	rust	skillet
preterit	reflect	rut	skirt
prevent	refract	sacrosanct	skit
priest	reft	saint	slant
print	regret	salt	slat
privet	reject	sat	sleet
product	relent	sauerkraut	sleight
profit	relict	savant	slept
prohibit	remit	scant	slight
porject	rennet	scarlet	slit
proletariat	rent	scat	slot
prompt	repeat	scent	slut
prophet	repent	schist	smart
prospect	report	scholiast	smelt

smit	strumpet	threat	varlet
smut	strut	thrift	varmint
snort	stunt	throat	vast
snout	subject	thrust	vat
socket	submit	thwart	vault
soft	subsist	ticket	vaunt
solicit	subtract	tight	veldt
somersault	subvert	tilt	velvet
sonnet	succinct	tinct	vent
soot	suet	tint	verdict
sort	suggest	tippet	veriest
sot	suit	tit	vest
sought	summit	toast	vet
soviet (S)	sunkist	toilet	viaduct
spat	supplant	tonight	vilayet
spelt	support	toot	violet
spent	surfeit	torment	viscount
spigot	surtout	tort	visit
spilt	suspect	tost	volt
spinet	swart	tot	vomit
spinneret	swat	tourniquet	waft
spirit	sweat	tout	wainscot
spit	sweet	tract	waist
splint	swept	trait	waistcoat
split	swift	transept	wait
spoilt	swimmeret	transit	wallet
sport	tablet	transmit	walnut
spot	taboret	transport	want
spout	tacit	treat	wart
sprat	tact	treatment	wasn't
sprint	taint	tricot	wast
sprit	takest	trinket	wavelet
sprocket	target	trivet	weft
sprout	tart	trot	weight
spurt	tat	trout	welt
squat	taught	truant	went
squint	taunt	trumpet	wept
squirt	taut	trust	weren't
stalwart	teat	tryst	wert
start	technocrat	tuft	west (W)
stept	tempest	tumult	wet
stilt	tempt	turbot	what
stint	tent	turret	wheat
stoat	test	tut	whet
stockinet	text	twilight	whilst
stout	that	twist	whippet
straight	theft	twit	whist
strait	thermostat	twixt	whit
streamlet	thicket	unit	wicket
street	thirst	unkempt	wight
strict	thought	valet	wilt

wist	wouldn't	wristlet	yeast
wit	wouldst	writ	yet
wont	wrapt	wrote	zealot
won't	wrest	wrought	zest
worst	wright (W)	yacht	
wot	wrist	yclept	

35.1e t before final silent e. The final silent e does not affect the pronunciation of t as [t].

For t in the stressed ending ate, see sections 12.1b and c.

absolute	cite	dispute	haste
acolyte	commensurate	dissolute	hate
aconite	commute	distribute	hematite
acute	companionate	doctorate	hermaphrodite
adequate	compassionate	dolomite	hirsute
aesthete	compete	dote	hoplite
affectionate	composite	dovecote	hypocrite
agate	compote	dynamite	ignite
ammonite	compute	ebonite	illiterate
anchorite	concrete	effeminate	immaculate
anecdote	confidante	effete	immediate
anthracite	confute	electorate	impute
antidote	connote	electrocute	incite
appetite	considerate	electrolyte	indite
artiste	constitute	elite	infinite
astute	consulate	entente	institute
ate	contribute	eremite	intermediate
athlete	contrite	erudite	intricate
attribute	cote	estate	invite
baccalaureate	coyote	esthete	jute
bacchante	crate	excite	kite
bakelite	creosote	excrete	lambaste
barite	curate	execute	late
baste	cute	expedite	legitimate
bate	date	exquisite	leucocyte
batiste	debutante	fate	lewisite
bauxite	definite	favorite	lignite
biotite	delicate	fete	literate
bite	demote	finite	logothete
brute	deplete	fluorite	lute
calcite	depute	flute	machete
candidate	desperate	foretaste	magnate
carte	destitute	forte	magnetite
caste	devote	fortunate	malachite
cate	dilute	frigate	marguerite (M)
chaste	diorite	gate	mate
chocolate	directoriate	granite	mesquite
chrysolite	disconsolate	graphite	mete
chute	discrete	grate	meteorite

minute	plebiscite	requisite	state
mite	polite	resolute	statute
modiste	pollute	respite	substitute
mote	pomegranate	rite	suite
mute	prate	rote	sybarite
neophyte	prelate	route	taste
note	preterite	salute	temperate
obsolete	private	samite	termite
obstinate	promote	saprophyte	tete-a-tete
oolite	proportionate	sate	tote
opposite	prosecute	satellite	tribute
palate	proselyte	secrete	tripartite
parachute	prostitute	senate	triplicate
parasite	protectorate	site	trite
passionate	quartzite	skate	ultimate
paste	quite	slate	unite
pastorate	quote	smite	vote
pate	rate	smote	waste
perquisite	recite	solute	white
persecute	recondite	spate	write
petite	refute	spite	wrote
phagocyte	remote	sprite	
pirate	replete	stalactite	
plate	repute	stalagmite	

35.2 tt wherever found, as in petty ['petɪ], mitt [mit]. As with other consonants, tt never occurs initially. The presence of a final silent e does not affect the pronunciation of tt as [t].

abettor	attract	bitter	chiffonette
acquittal	attraction	blotter	cigarette
admittance	attributable	bottle	clatter
admittedly	attribute	bottom	clutter
aigrette	attribution	boycott	committal
attach	attrition	brittle	committees
attache	attune	brunette	confetti
attain	babbitt	butt	coquette
attar	banditti	butte	coquettish
attempt	bannerette	butter	cottage
attend	barrette	buttery	cotter
attention	battalion	buttocks	cotton
attentive	batter	button	croquette
attenuate	battery	buttress	cutter
attest	batting	carburettor	cuttlefish
attestation	battle	cattle	dilettante
attic	batty	catty	dinette
attire	besotted	chattel	ditto
attitude	better	chatter	ditty
attorney	bitten	chatty	epaulette

etiquette	lettuce	pirouette	smitten
falsetto	libretto	pittance	smutty
fatten	litter	pitterpatter	sottish
fatty	little	platter	soubrette
fetter	littoral	plotter	spaghetti
fettle	lorgnette	poinsettia	spatter
fitter	lottery	pottage	spittle
fitting	marionette	potter	spittoon
flannelette	marquissette	pottery	splatter
flatten	matted	pottle	splitting
flatter	matter	prattle	splutter
flatterer	matting	pretty	spotter
flutter	mattock	putt	spotty
fretted	mattress	puttee	sputter
fritter	mettle	putter	squatter
gazette	mignonette	putty	statuette
gazetteer	mitt	quartette	stiletto
georgette	mitten	quintette	stutter
ghetto	mottle	quitter	suffragette
glitter	motto	rattan	sulphuretted
glottis	mutt	rattle	tatter
gotten	mutter	rebuttal	tattle
gritty	mutton	regrettable	tattoo
grotto	natty	remittance	terracotta
guttapercha	netting	retting	throttle
gutter	nettle	rosette	titter
hatter	noncommittal	rotten	tittle
intermittent	novelette	roulette	toilette
jetty	nutting	scatter	totter
jitters	nutty	scuttle	transmitter
jittery	omelette	settee	trotter
kettle	operetta	setter	twitter
kilowatt	ottoman	setting	unforgettable
kitchenette	otter	settle	unremitting
kitten	oubliette	sextette	unwitting
kitty	palette	shatter	utter
knitter	palmetto	shutter	utterance
knitting	patten	shuttle	vedette
knotted	patter	silhouette	vendetta
knotty	pattern	sitter	watt
latter	patty	sitting	wattle
lattice	petticoat	skitter	whittle
layette	pettish	skittish	wittingly
lazaretto	petty	slatternly	witty
letter	pipette	smattering	written

35.3 t in a few words beginning with th where h is silent. For most words containing the digraph th see sections 36 and 37.

Thames

Thomas

thyme

35.4 d in the ending ed when it occurs after a voiceless consonant (except t), as in walked [wɔkt]. See section 21.3b for a discussion of ed in blessed and similar adjectives.

abscessed	hipped	unbiased	unmatched
accomplished	hoofed	unbleached	unmixed
*accursed	hooked	unblemished	unnoticed
advanced	iced	unblessed	unperplexed
arched	inexperienced	unchecked	unpolished
beaked	peaked	uncooked	unpracticed
*blessed	practiced	undeveloped	unprejudiced
compressed	professed	undiminished	unprovoked
cracked	pronounced	unembarrassed	unpunished
*cursed	ruffed	unexperienced	unpublished
deceased	stereotyped	unexpressed	untarnished
depressed	striped	unextinguished	untouched
detached	unabashed	unfenced	unvarnished
distinguished	unannounced	unfinished	unvexed
experienced	unasked	unforced	unwashed
finished	unattached	unfurnished	versed
fixed	unbaked	unhatched	ycleped
flecked	unbalanced	unmarked	

35.5 [t] is contained in the z in Italian loan-words mezzo [metsou], and terrazzo [te'ratsou].

35.6 [t] appears as an intrusive glide sound between n and s, c [s], or th [θ] in the same syllable, as in fence [fents], dense [dents], ninth [naɪntθ]; between n and ci, si, sci, ti [ʃ] in adjacent syllables, as in annunciation [ənantʃi'eɪʃən], dimension [de'mentʃən], conscious ['kəntʃəs, 'kɒntʃəs], mention ['mentʃən].¹ When the n is in one syllable and the [s] or [ʃ] in the following syllable, the syllable containing the n must be stressed to produce the glide.

For complete list of words ending in ance and ence, see section 18.1c and .2b.

abstention	amaranth	answer	askance
advance	ancient	apprehension	bounce
against	ancillary	apprehensive	brilliancy
agency	announce	ascendancy	buoyancy
amanuensis	annunciation	ascension	cancel

¹The three dictionaries, Webster's Collegiate, American College Dictionary, and Kenyon's Pronouncing Dictionary do not show the intrusive [t] in their pronunciations, although Kenyon, both in the Pronouncing Dictionary in the Introduction and in the Guide to Pronunciation recognizes that it does occur.

cancellation	consul	ensilage	instigate
cancer	consular	emunciate	instinct
canst	consultation	enunciation	institute
caracansary	consummation	essential	instrument
censer	contention	evince	insular
ensor	contentious	exigency	insulate
ensorious	contravention	expanse	insulation
censure	contingency	expansion	intensify
census	convention	expansive	intensive
chance	convince	expectancy	intention
chancel	convincing	expediency	intervention
chancellor	council	expense	intrinsic
chancery	counsel	expensive	invention
chanson	credentials	extension	invincible
chaplaincy	currency	extensive	jounce
circumferential	dance	fancy	lance
circumstantial	decency	fence	lancet
clemency	declension	fervency	lanceolate
coextensive	defence	fiance	leniency
cogency	defense	fiancee	licentious
coincidence	deferential	fifteenth	lieutenancy
coincident	deficiency	financial	lonesome
coincidental	delinquency	flippancy	manse
commensurate	dementia	flounce	mansion
compensatory	demonstrable	fluency	mensuration
competency	demonstrative	forensic	mention
comprehensible	denounce	fourteenth	millionth
comprehension	dense	France	mince
comprehensive	density	frequency	minster
concentrate	demunciation	gentian	minstrel
concentration	dependency	glance	monster
concept	despondency	hansom	monstrous
concert	detention	hansel (H)	month
concierge	differential	hence	necromancy
condense	differentiation	hesitancy	nepenthe
condescension	dimension	hyacinth	nineteenth
confidential	discrepancy	immense	ninth
conscience	dispensary	immensity	nonce
conscientious	dispense	impotency	nonsense
conscious	dissension	incense	nonsensical
consecrate	dissentient	incidence	nuncio
consecration	distention	incident	occupancy
consequence	dunce	incidental	offense
consequent	efficiency	incommensurable	offensive
consequential	eighteenth	indecenty	once
conservation	eleventh	infancy	ostensible
consignee	emancipate	inferential	ounce
consolation	emancipation	influential	pantheon
consomme	emergency	insensate	panther
consonance	enhance	inspiration	parenthesis
consonant	ensign	instance	pence

pencil	proficiency	sensible	tension
peninsula	pronounce	sensitive	tenth
penitential	pronunciation	sensitivity	thence
penitentiary	propensity	sensitize	thirteenth
pension	providential	sensory	tinsel
pensive	province	sensual	tonsil
pestilential	provincial	sententious	tonsure
pincers	prudential	seventeenth	trance
piquancy	pungency	seventh	transAtlantic
pliancy	quince	since	transept
plinth	rancid	sixteenth	transfer
poignancy	ransom	solvency	transformation
potency	recompense	spencer (S)	transient
potential	redundancy	spinster	transit
potentiality	regency	sponsor	transitive
pounce	relevancy	stance	transitory
prance	renounce	stanchion	transom
preferential	renunciation	stencil	transpiration
pregnancy	reprehensible	substantial	transportation
prehensile	reprehension	subvention	trounce
presidency	residential	sufficiency	urgency
presidential	resiliency	superintendency	utensil
pretense	response	suspense	vacancy
pretension	responsibility	suspension	vagrancy
pretentious	retention	synthesis	whence
prince (P)	reverential	tangential	wince
princess (P)	rinse	tenancy	winsome
principal	sconce	tendency	xanthous
principality	sense	tense	
principle	sensibility	tensile	

35.7a [t] is silent in words in which it occurs between s and l, s and n, f and n, as in castle ['kæsl], fasten ['fæsn], often ['ofn].

apostle	epistle	listen	rustler
bristle	fasten	mistletoe	soften
bristly	forecastle	moisten	thistle
bustle	gristle	nestle	throstle
castle	hasten	nestling	trestle
chasten	hostler	ostler	whistle
chestnut	hustle	often	wrestle
christen	jostle	pestle	
Christmas	justle	rustle	

35.7b Final t is silent in French loan-words.

ballet	buffet (side board)	chalet	debut
beret		coup d'état	depot
billet doux	cabaret	crochet	distract
bouquet	cachet	croquet	eclat

esprit	jabot	picot	sachet
*filet	mot	provost	*sobriquet
*fillet	parfait	ragout	surtout
hautboy	petit	sabot	valet

35.7c t is silent in the word mortgage and one pronunciation of waistcoat.

36. THE SOUND [tʃ]

The spellings of [tʃ] are:

1. ch in words, many of which are early French loan-words.
2. tch wherever found.
3. t before y in unstressed syllables.
4. ti, ci, si in unstressed syllables after n and s.
5. te in unstressed syllables in a few words.
6. c before e or i in Italian loan-words.

Note: For other pronunciations of spellings of [tʃ], see:

1. ch in late French loan-words, section 34.10.
2. t before y in stressed syllables, section 35.1a.
3. ti, ci, si, ssi intervocalically or after r, sections 34.2-6.
4. c before e or i, section 33.3.

The distribution of [tʃ] in English words is as follows:

A. [tʃ] alone.

1. Initially in syllables, as in choose [tʃuz], luncheon ['lantʃən].
2. Finally in syllables, as in catch [kætʃ], teacher ['titʃə, 'titʃe].

B. In phonetic clusters.

1. Initially- does not occur.
2. Finally in syllables, as in
 - a. [ltʃ] - mulch [maltʃ]
 - b. [ntʃ] - bench [bentʃ]
 - c. [rtʃ] - parch [partʃ]
 - d. [ntʃt] - munched [mantʃt]
 - e. [ltʃt] - filched [filtʃt]
 - f. [tʃt] - hatched [hætʃt]

Words with [tʃ] are grouped for practice as follows:

36.1 ch initially or finally, alone or in clusters, as in chief [tʃi:f], coach [kəʊtʃ]. Most of these words are early French loan-words.¹

achieve	arch	avalanche	belch	besmirch
anchovy	artichoke	bachelor	bench	birch
approach	attach	beech	beseech	blanch

¹ Wright, New English Grammar, p. 126.

bleach	chassis	chine	encroach
blench	chaste	chink	eschew
blucher	chasten	chinquapin	exchange
branch	chastise	chintz	exchequer
beach	chastity	chip	falchion
breach	chasubel	chipmunk	filch
breech	chat	chirp	finch
breeches	chattel	chirr	flinch
broach	chaunt	chirrup	franchise
brooch	cheap	chisel	French
bunch	cheapen	chit	grouch
*carteblanche	cheat	chive	gulch
chafe	check	chock	guttapercha
chaff	cheek	chocolate	handkerchief
chaffinch	cheep	choice	haunch
chain	cheer	choke	henchman
chair	cheerily	choose	hooch
chalice	cheese	chop	hunch
chalk	cheque	chore	importunate
challenge	cherish	chortle	inch
chamber	cherry	chose	kerchief
chamfer	cherub	chosen	larch
champ	cherubic	chow	launch
champion	cherubim	chowder	leach
chance	chess	chub	lecherous
chancel	chest	chuck	leech
chancellor	chesterfield (C)	chuckle	linchpin
chancery	chestnut	chug	loach
chandler	cheviot	chum	lunch
change	chew	chump	luncheon
channel	chewink	chunk	lurch
chant	chick	church	lynch
chanticleer	chickadee	churl	machete
chantry	chickaree	churn	manchet
chap	chicken	cinch	march (M)
chapel	chicory	clench	merchandise
chaplain	chid	clinch	merchant
chaplet	chide	coach	milch
chapter	chief	cochineal	mischief
char	chieftain	*conch	mischievous
chard	chilblain	couch	mochila
charge	child	crouch	mooch
charily	children	crunch	much
chariot	chili	debauch	mulch
charitable	chill	debauchee	munch
charity	chime	debauchery	neckerchief
Charles	chimney	detach	niche
charm	chimpanzee	drench	orchard
charnel	chin	duchess	ostrich
chart	china (C)	duchy	ouch
chary	chineh	each	parch
chase	chinchilla	enchant	paunch

peach	ranch	speech	trench
penchant	reach	spinach	trenchant
perch	reproach	squelch	trencher
pinch	research	stanch	truncheon
poach	rich	starch	urchin
poncho	Richard	staunch	vouch
pooch	reach	stench	welch
porch	sachem	such	wench
pouch	sandwich	teach	which
preach	scorch	teacher	winch
punch	screech	torch	wrench
puncheon	scutcheon	touch	
punchinello	search	treacherous	
quench	slouch	treachery	

36.2 tch finally in a word or syllable, alone, as in batch [bætʃ], kitchen ['kɪtʃən, 'kɪtʃɪn].

batch	crutch	itch	snatch
bewtich	despatch	ketch	snitch
bitch	ditch	kitchen	splotch
blotch	dutch (D)	latch	stitch
botech	escutcheon	match	stretch
butcher	etch	notch	switch
butchery	fetch	patch	thatch
caoutchouc	fitch	pitch	twitch
catch	flitch	ratchet	vetch
catchup	hatch	satchel	watch
clutch	hitch	scratch	witch
crotch	hopscotch	scutch	wretch
crotchet	hutch	sketch	

36.3 t before u in unstressed or weak-stressed syllables, due to the palatalizing effect of the u.

accentuate	capitulate	contemptuous	eventuate
actual	capitulation	contractual	expenditure
actuality	capture	conventional	expostulate
actuate	*caricature	coverture	expostulation
adventure	caricaturist	creature	factual
adventurer	century	cultural	fatuous
adventuress	cincture	culture	feature
adventurous	cloture	*curvature	fistula
agricultural	congratulate	debenture	fixture
agriculture	congratulation	departure	fluctuate
aperture	congratulatory	discomfiture	fluctuation
architectural	conjectural	effectual	forfeiture
architecture	conjecture	effectuate	fortunate
armature	conjuncture	entablature	fortune
*bitumen	constituency	estuary	fracture
candidature	constituent	eventual	furniture

future	moisture	punctual	stricture
garniture	mortuary	punctuate	structure
gesture	mutual	punctuation	sumptuary
gratulate	natural	puncture	sumptuous
gratulation	naturalize	pustule	suture
habitual	nature	*quadrature	tarantula
habituate	nomenclature	rapture	temperature
horticulture	nurture	ritual	tempestuous
impetuosity	obituary	rupture	textual
impetuous	*overture	sanctuary	texture
importune	parturition	saturate	tincture
incestuous	pasture	saturation	titular
indenture	perpetual	scripture	tortuous
infatuate	perpetuate	sculpture	torture
infatuation	perpetuation	sepulture	triturate
intellectual	petulance	signature	tumultuary
investiture	picture	situate	tumultuous
jointure	picturesque	situation	unctuous
judicature	portraiture	spatula	venture
juncture	portulaca	spiritual	vesture
lecture	posthumous	spirituality	virtual
legislature	postulate	spiritualize	virtue
*ligature	posture	statuary	virtuoso
*literature	prefecture	statue	virtuous
manufacture	prenature	stature	voluptuous
*miniature	presumptuous	statute	vulture
mixture	primogeniture	statutory	

36.4 ci, si, su, ti in unstressed syllables after n or s in a stressed syllable become palatalized to [tʃ]. Actually the [t] in the affricate results from the glide from the [n] to the following [ʃ]. Many of the dictionaries do not show the [t] in their pronunciations.

ancient	conscious	extension
ascension	consequential	financial
bastion	credentials	gustian
bestial	declension	gentian
celestial	deferential	incommensurable
censure	dementia	inferential
christian	digestion	influential
circumferential	differential	licentiate
circumstantial	differentiate	mansion
combustion	differentiation	mensuration
commensurate	dimension	muptial
comprehension	dissension	penitential
condescension	dissentient	penitentiary
confidential	distension	pension
congestion	essential	pestilential
conscience	exhaustion	plenipotentiary
conscientious	expansion	potential

potentiality	reprehension	substantiate
preferential	residential	suggestion
prehension	reverential	suspension
presidential	robustious	tangential
pretension	sensual	tension
providential	sensuous	tonsure
provincial	sentient	transient
prudential	substantial	
question	substantiality	

36.5 te before unstressed ur, ous in *amateur, pasteurize, and righteous.

36.6 c before e and i in Italian loan-words.

cello *cicerone concerto dolce

37. THE SOUND [ə]

The spellings of [ə] are:

1. th wherever found, except as below.

Note: For other pronunciations of spellings of [ə], see:

1. th initially in pronouns, adjectives, adverbs, and conjunctions, section 38.
2. th intervocalically in native words, section 38.
3. th where h is silent, section 35.3.
4. Silent th, section 37.2.

The distribution of [ə] in English words is as follows:

A. [ə] alone.

1. Initially in syllables, as in thin [θɪn],
authentic [ɔ'θɛntɪk].
2. Finally in syllables, as in mouth [maʊθ],
method ['mɛθəd].

B. In phonetic clusters.

1. Initially in syllables, as in
 - a. [ɜr] - three [θri]
 - b. [ɜw] - thwack [θwæk]
2. Finally in syllables, as in
 - a. [dɜ] - breadth [brɛdθ]
 - b. [dɜs] - widths [wɪdɜs]
 - c. [pɜ] - depth [dɛpθ]
 - d. [pɜs] - depths [dɛpɜs]
 - e. [nɜ] - ninth [naɪnθ]
 - f. [nɜs] - tenths [tɛntɜs]
 - g. [fɜ] - fifth [fɪfθ]
 - h. [fɜs] - fifths [fɪfɜs]
 - i. [lɜ] - health [helθ]
 - j. [rɜ] - hearth [hɑrθ, hɑ:θ]
 - k. [rɜs] - fourths [fɔurɜs, fɔ:ɜs]
 - l. [ŋkɜ] - strength [strɛŋkθ]
 - m. [ŋkɜs] - lengths [lɛŋkɜs]
 - n. [ksɜ] - sixth [sɪksθ]
 - o. [ksɜs] - sixths [sɪksɜs]
 - p. [lfɜ] - twelfth [twɛlfθ]
 - q. [lfɜs] - twelfths [twɛlfɜs]
 - r. [mpɜ] - warmth [wɜrmpθ, wɑ:mpθ]

Words with [ə] are grouped for practice as follows:

37.1a th initially before vowels (except in pronouns, adjectives, adverbs, and conjunctions), as in thing [θɪŋ], and before the consonants r and w, as in three [θriː], thwart [θwɑːt].

thallus	thermal	thoracic	throne
thane	thermoelectric	thorax	throng
thank	thermometer	thorn	throstle
thatch	thermos	thorough	throttle
thaw	thermostat	thorp	through
theater	thesaurus	thought	throve
theatrical	thesis	thousand	throw
theft	thews	thrall	thru
thegn	thick	thrash	thrum
theism	thicket	thread	thrush
theistic	thief	threat	thrust
theme	thieve	three	thud
theocracy	thigh	threepence	thug
theogony	thimble	thresh	thumb
theologian	thin	threshold	thump
theological	thing	threw	thunder
theology	think	thrice	Thursday
theorem	third	thrift	thwack
theoretical	thirst	thrill	thwart
theorize	thirteen	thrive	thymus
theory	thirty	thro	thyroid
theosophist	thistle	throat	thyrus
therapeutic	thole	throb	
therapy	thong	throe	

37.1b th in medial syllables, alone or in clusters, of later loan-words in the language, as in anthology [ænˈθɒlədʒi, ænˈθɒlədʒi], philanthropy [fɪˈlæntərəpi, feˈlæntərəpi].¹

acanthus	anthology	apathy	athlete
aesthete	anthracene	apothecary	athletic
aesthetic	anthracite	apothegm	authentic
aether	anthrax	apotheosis	authenticate
amethyst	anthropoid	arithmetic	authenticity
anathema	anthropological	arithmetical	author
anesthesia	anthropology	arthritis	authoritaton
anesthetic	anthropomorphic	Arthur	authoritative
anesthetist	antipathy	atheism	authority
anthem	antithesis	atheist	authorize
anther	apathetic	athenaeum	breathless

¹[θ] has remained in the Middle English word nothing because of the influence of the word thing.

brothel	ethnical	methane	pathetic
callisthenic	ethnological	method	pathogenic
cathartic	ethnology	methodical	pathological
cathedral	ethyl	methyl	pathos
catheter	ethylene	methylene	pentathlon
cathode	forsythia	misanthropic	philanthropic
catholic (C)	homeopathic	misanthropy	philanthropy
catholicism	hypothesis	mythical	plethora
catholicity	hypothetical	mythological	plethoric
chrysanthemum	ichthyosaurus	mythology	psychopathic
cithara	isotherm	naphtha	python
diphtheria	isothermal	neolithic	ruthless
diphthong	labyrinthine	nepenthe	smithy
endothelial	lethal	neurasthenia	soothly
enthuse	lethargic	neurasthenic	stethoscope
enthusiasm	lethargy	nothing	sympathetic
enthusiastic	leviathan (L)	ophthalmia	sympathize
epithalamium	litharge	ornithological	sympathy
epithelium	lithia	ornithology	synthesis
epithet	lithograph	orthodox	synthetic
esthete	lithosphere	orthographic	telepathic
esthetic	logothete	orthography	telepathy
ether	marathon	paleolithic	urethra
ethereal	mathematical	pantheon	worthless
ethical	mathematician	panther	xanthous
ethics	mathematics	parenthesis	zither
ethnic	menthol	parenthetical	

37.1c th final in a word, alone or in a cluster, as in faith [feɪθ], north [nɔ:θ, nɔ:əθ]. For complete list of clusters, see introduction to this section.

amaranth	eighteenth	hath	moth
azimuth	eight	health	mouth
bath	eightieth	hearth	myth
behemoth	eleventh	heath	neath
berth	Elizabeth	hundredth	nineteenth
birth	faith	hyacinth	ninetieth
bismuth	fifteenth	jacinth	ninth
booth	fifth	kith	north
both	fiftieth	labyrinth	oath
breadth	filth	lath	path
breath	firth	length	pith
broth	forth	loath	plinth
cloth	fortieth	loth	quoth
dearth	fourteenth	mammoth	saith
death	fourth	matzoth	sayeth
depth	frith	millionth	seventeenth
doth	froth	mirth	seventh
drouth	girth	monolith	seventieth
earth	growth	month	sheath

shibboleth	southward	tilth	width
sith	stealth	tooth	wroth
sixteenth	strength	troth	wraith
sixth	swarth	truth	wrath
sixtieth	swath	twelfth	wreath
sleuth	taketh	twentieth	wroth
sloth	teeth	uncouth	youth
smith (S)	tenth	vermouth	zenith
smoth	thirteenth	warmth	
south	thousandth	wealth	

37.1d The following words become [ð] in the plural form, as in paths [pæðz].

baths	moths	paths	wreaths
*cloths	mouths	sheaths	youths
*laths	oaths	truths	

37.2 th is silent between the consonants s and m.

asthma	asthmatic	isthmian	isthmus
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38. THE SOUND [ð]

The spellings of [ð] are:

1. th initially in pronouns, adjectives, adverbs, and conjunctions.
2. th intervocally in native words.

Note: For other pronunciations of spellings of [ð], see:

1. th in preceding section, 37.

The distribution of [ð] in English words is as follows:

A. [ð] alone.

1. Initially in syllables, as in them [ðəm].
2. Finally in syllables, as in breathe [brið],
mother ['mæðə, 'mæðe].

B. In phonetic clusters.

1. Initially - does not occur.
2. Finally in syllables, as in
 - a. [ðz] - breathes [briðz]
 - b. [ðd] - seethed [siðd]

Words with [ð] are grouped for practice as follows:

38.1 th initially in pronouns, adjectives, adverbs, and conjunctions, as in they [ðeɪ].

than	them	they	those
that	then	thine	thou
the	thence	this	though
thee	there	thither	thus
their	these	tho	thy

38.2 th intervocally (orthographically speaking, except bequeath and smooth) and after r, as in breathe [brið], farthing [fɑ:ðɪŋ, fɑ:ðɪŋ]. Most of these words are derivatives of noun forms in which th is unvoiced; e.g., bathe -v. from bath, southern from south, etc.

bathe	breathe	burthen	clothing
bequeath	breather	clothe	either
blithe	brethren	clothes	farther
bother	brother	clothier	farthest

father	mother	sheathing	tithe
fathom	neither	slither	together
feather	nether	smithereens	unclothe
further	other	smooth	weather
furthest	pother	smother	wether
gather	prithce	soothe	whether
heathen	rathe	soother	whither
heather	rather	soothingly	worthiness
hither	rhythm ¹	southerly	worthy
lathe	rhythmic	southern	wreathe
leather	scathe	swathe	writhe
lithe	scythe	teethe	
loathe	seethe	tether	
loathsome	sheathe	thither	

38.3 th is pronounced either [ð] or [θ] in the following words:

beneath	logarithm	smithy	with
betroth	logarithmic	swarthy	withe

¹In the word rhythm, a vowel [ə] is interposed between th and m.

39. THE SOUND [v]

The spellings of [v] are:

1. v wherever found.
2. vy wherever found.
3. f in the preposition of.

Note: y is never silent and has no other pronunciations.

The distribution of [v] in English words is as follows:

- A. [v] alone.
 1. Initially in syllables, as in vane [veɪn], convince [kən'vɪnts].
 2. Finally in syllables, as in love [lʌv], approve [ə'pru:v].
- B. In phonetic clusters.
 1. Initially - does not occur.
 2. Finally in syllables, as in
 - a. [vz] - saves [seɪvz]
 - b. [vd] - raved [reɪvd]
 - c. [lv] - shelve [ʃelv]
 - d. [lvz] - elves [elvz]
 - e. [lvd] - involved [ɪn'vɒlvd, ɪn'vɒlvd]
 - f. [rv] - carve [kɑ:v, kɑ:v]
 - g. [rvz] - wharves [mɑ:rvz, mɑ:vz]
 - h. [rvd] - carved [kɑ:rvd, kɑ:vd]

Words with [v] are grouped for practice as follows:

39.1a v initially before vowels only, in words, as in vine [vaɪn].

vacancy	vaccine	vagabond	vail
vacant	vacillate	vagary	vain
vacate	vacillation	vagina	valance
vacation	vacuity	vagrant	vale
vaccinate	vacuole	vague	valedictory
vaccination	vacuum	vagus	valence

valentine	vault	verdant	vial
valerian	vaunt	verdict	vial
valet	veal	verdigris	vial
valiant	vector	verdure	viaticum
valid	vedette	verge	vibrant
validity	veer	verification	vibrate
valise	vegetable	verify	vibration
valley	vegetarian	verisimilitude	vibratory
valor	vegetate	veritable	vicar
valuable	vegetation	verity	vicarious
valuation	vehemence	vermeil	vice
value	vehement	vermicelli	viceroys
valve	vehicle	vermiform	viceversa
vamp	vehicular	vermilion	vicinity
vampire	veil	vermin	vicious
van	vein	vermouth	vicissitude
vandal	veld	vernacular	victim
vanadium	vellum	vernal	victor (V)
vane	velocity	vernier	victoria (V)
vanilla	velour	versatile	victory
vanish	velum	versatility	victrola
vanity	velvet	verse	victual
vanquish	venal	versify	vicuna
vantage	vend	version	vide
vapid	vendetta	versus	vie
vapor	vendor	vertebra	view
vaporization	veneer	vertebrate	vigil
vaporize	venerate	vertex	vigilance
vaquero	veneration	vertical	vigor
variable	venereal	vertigo	vigorous
variability	venery	very	viking (V)
variance	vengeance	vesical	vilayet
variation	venial	vesper	vile
variegate	venison	vessel	villify
variety	venom	vest	village
various	venous	vestal	vilain
varlet	vent	vestibule	villi
varmint	ventilate	vestige	vim
varnish	ventilation	vestry	vindicate
varsity	ventral	vesture	vindication
vary	ventricle	vet	vindictive
vas	ventriloquist	vetch	vine
vascular	venture	veteran	vinegar
vase	veracity	veterinary	vineyard
vaseline	veranda	veto	vintage
vasomotor	verb	vex	vintner
vassal	verbatim	vexation	viol
vast	verbena	vexatious	viola (V)
vat	verbose	via	violate
vaudeville	verbosity	viaduct	violation
			violence

violent	viscount	vizard	voluminous
violet (V)	viscous	vizier	voluntary
violin	vise	vocabulary	volunteer
violoncello	visibility	vocal	voluptuous
viosterol	visible	vocation	vomit
viper	vision	vociferate	von
virago	visit	vociferation	voodoo
vireo	visitation	vociferous	voracious
virgin	visor	vodka	voracity
Virginia	vista	vogue	vortex
virginity	visual	voice	vorticella
virile	vital	void	votary
virility	vitality	voile	vote
virtual	vitamin	volant	votive
virtue	vitiate	volatile	vouch
virtuoso	vitreous	volcanic	vow
virtuous	vitriol	volcano	vowel
virulence	vituperation	vole	vox
virulent	viva	volition	voyage
virus	vivacious	volley	vulcanize
vis	vivacity	volplane	vulgar
visa	vive	volt	vulgarity
visage	vivid	voltaic	vulnerable
viscera	vivify	voluble	vulpine
viscid	viviparous	volume	vulture
viscosity	vixen	volumetric	vying

39.1b v in medial and final syllables, alone or in clusters, as in oval ['ouval], involves [in'valvz, in'volvz]. For complete list of clusters, see introduction to this section.

abbreviate	advise	arborvitae	aver
acclivity	advisory	architave	average
activate	advocacy	archives	averse
activity	advocate	arrival	avert
advance	affidavit	asseverate	aviation
advantage	agave	asseveration	aviator
advantageous	aggravate	ativism	aviary
advent	alleviate	atavistic	avid
adventitious	alluvial	avail	avidity
adventure	alveolar	avalanche	avocado
adverb	alveolus	avarice	avocation
adversary	anchovy	avaricious	avoid
adverse	animadversion	avatar	avoirduois
adversity	animadvert	avaunt	avowal
advert	anniversary	ave	avowedly
advertisement	antediluvian	avenge	beaver
advice	anvil	avenue	beeves

behavior	civilization	convince	devolution
believable	civilize	convincing	devolve
beloved	clairvoyant	convivial	devote
benevolence	clavicle	convocation	devotee
bevel	cleavage	convoke	devotion
beverage	clever	convolvulus	devour
bevy	cloven	convolution	devout
bivouac	clover	convoy	diluvial
boulevard	coeval	conculse	discover
bovine	concavity	convulsion	disheveled
bravado	conceivable	covenant	divan
bravery	conceivably	coventry	diverge
bravo	conductivity	cover	divergence
brevet	connivance	covert	diverse
breviary	conservation	coverture	diversification
brevity	conservatism	covet	diversity
cadaverous	conservative	covey	diversion
cantilever	conservatoire	cravat	divert
canvas	conservator	craven	divest
captivate	conservatory	craving	divide
captive	contravene	crevasse	dividend
captivity	contravention	crevice	divination
caravan	contrivance	cultivate	divine
caravansary	controversial	cultivation	divinity
caravel	controversy	culverin	divisible
carnival	controvert	culvert	division
carnivorous	convalesce	curvature	divisor
cassava	convalescence	curvet	divorce
cavalcade	convection	davenport	divulge
cavalier	convene	davit	drivel
cavalry	convenience	decemvir	driven
cavern	convent	deliver	eaves
caviar	conventicle	deliverance	effervesce
cavil	convention	depraved	effervescence
cavity	conventual	depravity	effluvia
cavort	convergence	deprivation	effluvium
centavo	converge	derivation	elevate
cervical	conversant	derivative	elevation
chevalier	conversation	dervish	eleven
cheviot	converse	devastate	elves
chevron	conversion	devastation	endeavor
chivalric	convert	develop	enervate
chivalry	convertible	deviate	enliven
circumvent	convex	deviation	envelop
civet	convexity	devil	envelope
civic	convey	devious	enviable
civil	conveyance	devise	envious
civilian	convict	devitalize	environ
civility	conviction	devoir	envoy

envy	galvanism	invasion	livelong
equivalent	galvanize	invective	liver
equivocal	galvanometer	inveigh	livery
equivocate	gavel	inveigle	livid
equivocation	given	invent	livre
evacuate	govern	inventory	loaves
evacuation	governor	inverness (I)	longevity
evade	gravel	invert	malevolent
evaluate	graven	invertibrate	maneuver
evaluation	gravitate	invest	manoeuvre
evanescence	gravitation	investiture	marvel
evangel	gravity	investigate	marvelous
evangelical	gravy	inveterate	maverick
evangelist	grievance	invidious	mavis
evaporate	grievous	invigorate	medieval
evaporation	grovel	invincible	miniver
evasion	guava	inviolable	mischievous
even	harvest	involute	motivate
evening	haven	invitation	movie
event	haven't	invite	nativity
eventual	haversack	invocation	naval
eventuate	havoc	invoke	navel
ever	heaven	involucre	navigability
every	heavy	involution	navigate
evict	herbivorous	involve	navigation
eviction	horsd'oeuvre	invulnerable	navy
evidence	hovel	irrelevance	nervous
evident	hover	irrelevant	nervure
evil	impoverish	irrevocable	never
evince	improvisation	ivory	nirvana
evocation	improvise	ivy	novel
evoke	inadvertently	javelin	November
evolution	individual	jovial	novice
excavate	individuality	juvenile	novitiate
excavation	inevitable	knives	oblivion
extravagance	innervate	larva	observance
extravaganza	innovate	lascivious	observant
favor	innovation	lava	observation
fervent	insectivorous	lavatory	observatory
fervid	interval	lavender	obverse
fervor	intervene	lavish	obviate
festival	intervention	leaven	obvious
festivity	introvert	levee	octavo
fever	intrusive	level	omnivorous
flavor	invalidate	lever	oval
forever	invalid	leveret	ovarian
frivolity	invalidism	leviathan (L)	ovary
frivolous	invade	levity	ovate
gallivant	invaluable	levulose	ovation
galvanic	invariable	levy	oven

over	providence	revery	shiver
overt	providential	review	shovel
overture	province	revise	shrivel
overwhelm	provincial	revocation	shriven
ovipositor	provision	revoke	silva
ovoid	proviso	revolt	silver
ovule	provocation	revolution	sliver
ovum	provocative	revue	sloven
palaver	provoke	revulsion	snivel
parvenu	provost	rivage	solvent
passivity	pulverize	rival	souvenir
pavilion	pursuivant	riven	soviet (S)
peevish	purvey	river	sovrän
pelvic	quaver	rivet	spavin
pelvis	quiver	rivulet	starvation
perseverance	ravage	rotogravure	stevedore
persevere	ravel	saliva	stiver
pervade	raven	salivary	striven
perverse	ravine	salvage	subclavian
perversion	ravish	salvation	subservient
pervert	receptivity	salver	subvention
pivot	recover	salvia	subversion
plover	recovery	salvo	subversive
pluvial	rejuvenate	savage	subvert
poverty	rejuvenation	savant	supervene
preservation	relativity	savior	supervise
preservative	relevant	savoirfaire	supervision
prevail	rendezvous	savor	surveillance
prevalence	renovate	savoy	survey
prevalent	renovation	scavenger	swivel
prevaricate	reservation	scrivener	sylvan
prevarication	reservoir	scrupulosity	tavern
prevent	reveal	scurvy	television
preventative	veille	selvage	tergiversation
prevention	revel	selves	topsyturvy
previous	revelation	sensitivity	travail
prevision	revenge	servant	travel
primeval	revenue	service	traverse
privacy	reverberate	servile	travertine
private	reverberation	servility	travesty
privation	revere	servitude	triumvir
privet	reverence	seven	trivet
privilege	reverend	seventeen	trivial
privy	reverential	seventy	triviality
proclivity	reverie	sever	universal
productivity	revers	several	universe
provender	reverse	severance	university (U)
proverb	reversible	severe	vaudeville
proverbial	reversion	severity	velvet
provide	revert	sheaves	viceversa

villa	vivacious	vivify	wives
villain	vivacity	viviparous	wolves
vinous	vive	weevil	
viva	vivid	wharves	

39.1c y finally in words, always before silent e. It may be alone or in clusters, as in cave, [keɪv], valve [vælv]. For complete list of final clusters, see introduction to this section.

For complete list of words with y in the unstressed ending ive, see section 18.9b.

above	derive	leave	shelve
absolve	deserve	live	shove
achieve	devolve	love	shrive
aggrieve	dissolve	mangrove	sieve
alcove	dive	mauve	slave
alive	dove	move	sleeve
approve	drave	naive	solve
architrave	drive	nave	starve
arrive	drove	nerve	stave
behave	endive	observe	stove
behoove	eve (E)	octave	strive
behoove	evolve	olive	strove
believe	five	pave	suave
bereave	forgive	perceive	subserve
brave	give	preserve	survive
calve	glaive	prove	swerve
carve	glove	rave	they've
cave	grave	reave	thieve
chive	greave	receive	thrive
clave	grieve	reeve	throve
cleave	groove	relieve	trove
clove	grove	remove	twelve
concave	gyve	reprieve	valve
conceive	halve	reserve	vive
conclave	have	resolve	waive
connive	heave	retrieve	wave
conserve	helve	revive	weave
contrive	hive	revolve	we've
cove	hove	rive	wive
crave	involve	rove	wove
curve	I've	salve	yestereve
deceive	khedive	save	you've
delve	knave	serve	
deprive	lave	shave	

39.2 vv in only two words, flivver and navvy.

39.3 f in the preposition of.

40. THE SOUND [w]

The spellings of [w] are:

1. w wherever found, except as below.
2. u after g, and sometimes after g.
3. o in French loan-words.
4. o in the native words one and once.

Note: For other pronunciations of [w], see:

1. wh, section 41.
2. Silent w, sections 40.5a-c.

The distribution of [w] in English words is as follows:

A. [w] alone.

1. Initially in syllables, as in way [weɪ],
bewitch [be'wɪtʃ, bi'wɪtʃ].
2. Finally in syllables - does not occur.

B. In phonetic clusters.

1. Initially in syllables, as in

- a. [dw] - dwell [dweɪ]
- b. [sw] - swim [swɪm]
- c. [tw] - twice [twɑɪs]
- d. [θw] - thwart [θwɑ:t, θwa:t]
- e. [kw] - quick [kwɪk]
- f. [skw] - squeeze [skwi:z]
- g. [pw] - pueblo ['pweɪblə]
- h. [gw] - anguish [æŋɡwɪʃ]
- i. [vw] - reservoir ['rezəvwaɪ, 'rezəvwa]
- j. [mw] - moire [mwaɪə]

2. Finally in syllables - does not occur.

Words with [w] are grouped for practice as follows:

40.1a w initially before vowels in words, as in week [wik].

wabble	waffle	waif	waistcoat
wad	waft	wail	wait
waddle	wag	wain	waive
wade	wage	wainscot	wake
wafer	wagon	waist	walk

wall	weal	wicker	with
wallet	wealth	wicket	withe
wallop	wean	wide	wither
wallow	weapon	widgeon	witness
walnut	wear	widow	witty
walrus	weary	width	wive
waltz	weasel	wield	wives
wampum	weave	wife	wizard
wan	web	wig	wizened
wand	wed	wiggle	woad
wander	wedding	wight	wobble
wane	wedge	wigwam	woe
wangle	Wednesday	wild	woke
want	wee	wilder	wold
wanton	weed	wile	wolf
war	week	will	wolves
warble	ween	William	woman
ward	weep	willow	womb
warden	weevil	willynilly	women
ware	weft	wilt	won
warm	weigh	wimple	wonder
warmth	weight	win	wont
warn	weir	wince	won't
warp	weird	winch	woo
warrant	welch	wind	wood
warren (W)	welcome	window	woof
warrior	weld	wine	wool
wart	welfare	wing	wimber
wary	welkin	winged	word
was	well	wink	wore
wash	we'll	winkle	work
Washington	welsh (W)	winnow	world
wasn't	welt	winter (W)	worm
wasp	welter	wipe	worn
wassail	wen	wire	worry
wast	wench	wiry	worse
waste	wend	wis	worship
watch	went	wisdom	worst
water	wept	wise	worsted
watt	were	wish	worth
wattle	we're	wisp	worthy
wave	wert	wist	wot
wax	west (W)	wisteria	would
way	wet	wistful	wound
we	wether	wit	wove
weak	wick	witch	wow

40.1b w at the beginning of medial and final syllables, alone or in clusters, as in beware [be'wer, biwæ] , between [be'twin, bi'twin]. For complete list of clusters, see introduction to this section.

afterward	liverwort	swarm	swound
always	mugwump	swart	swum
awkward	nitwit	swarth	swung
backward	northward	swash	thitherward
bailiwick	onward	swat	thwack
between	outward	swath	thwart
betwixt	periwig	swathe	toward
beware	periwinkle	sway	twaddle
bewilder	pollywog	swear	twain
bewitch	powwow	sweat	twang
bulwark	rearward	sweater	tweak
caraway	reward	sweep	tweed
caterwaul	sandwich	sweet	tweezers
chewink	scalawag	swell	twelfth
cockswain	seaward	swelter	twelve
commonweal	shoreward	swept	twenty
coworker	skyward	swerve	twice
coxswain	southward	swift	twiddle
downward	stalwart	swig	twig
dwarf	steward	swill	twilight
dwelt	swab	swim	twill
dwelt	swaddle	swindle	twin
dwindle	swag	swine	twine
earthward	swage	swing	twinge
eastward	swagger	swipe	twinkle
forward	swain	swirl	twirl
froward	swale	swish	twist
heavenward	swallow	switch	twit
hitherward	swam	swivel	twitch
homeward	swamp	swollen	twitter
inward	swan	swoln	upward
kilowatt	swank	swoon	wayward
kiwi	swap	swoop	westward
landward	sward	swore	wigwam
leeward	sware	sworn	windward

40.2a u after q except (1) when final, and (2) medially in a few late French loan-words. For complete list of words in which u is silent after q see section 19.5.

acquaint	acquire	acquit	antiquarian
acquaintance	acquisition	adequacy	antiquary
acquiesce	acquisitive	adequate	antiquated

antiquity	equipoise	quadrilateral	quietus
aquamarine	equitable	quadrille	quill
aquarium	equity	quadruped	quillet
aquatic	equivalent	quadruple	quilt
aquatint	equivocal	quaestor	quince
aqueduct	equivocate	quaff	quinine
aqueous	equivocation	quagmire	quinsy
aquiline	esquire	quail	quint
arquebus	exquisite	quaint	quintessence
banquet	frequency	quake	quintet
bequeath	frequent	qualification	quip
bequest	grandiloquence	qualify	quire
chautauqua	harlequin	qualitative	quirk
colloquial	harquebus	quality	quirt
colloquy	iniquity	qualm	quit
conquest	inquire	quandary	quite
conquistador	inquiry	quantitative	quittance
consequence	inquisition	quantity	quiver
consequent	inquisitive	quantum	quixotic
consequential	liquefaction	quarantine	quiz
delinquency	liquefy	quarrel	quoit
delinquent	liquid	quarry	quondam
deliquescent	liquidate	quart	quorum
disquisition	loquacious	quarter	quota
eloquence	loquacity	quartet	quotation
eloquent	magniloquence	quarto	quote
enquire	marquess	quartz	quoth
enquiry	marquis	quash	quotient
equability	marquisate	quasi	relinquish
equable	marquise	quaternary	request
equal	marquissette	quatrain	requiem
equality	obliquity	quaver	require
equalization	obloquy	quean	requisite
equalize	obsequies	queasy	requisition
equanimity	obsequious	queen	sequel
equate	perquisite	queer	sequester
equation	piquancy	quell	sequesterate
equatorial	piquant	quench	sequestration
equerry	piquet	querulous	sequin
equine	propinquity	query	sequoia
equestrian	qua	quest	soliloquy
equidistant	quack	question	squab
equilateral	quadrangle	quibble	squabble
equilibrium	quadrangular	quick	squad
equinoctial	quadrant	quid	squadron
equinox	quadrant	quiescence	squalid
equip	quadrature	quiet	squall
equipage	quadrennial	quietude	squalor

squander	squeak	squid	subsequent
square	squeal	squint	tranquil
squash	wqueamish	squire	tranquillity
squat	squceze	squirm	ubiquitous
squaw	squelch	squirrel	vanquish
squawk	squib	squirt	ventriloquist

40.2b u after c, g, p, and s in a few words, most of which are French loan-words, as in cuisine [kwɪ'zin] languish ['læŋgwɪʃ], suede [sweɪd], *puissance ['pwɪsents].

anguish	ennui	languid	*puissance
assuage	extinguish	languish	sanguine
cuirass	guanaco	lingual	sanguinary
cuirassier	guano	linguistic	suasion
cuisine	guava	penguin	suave
cuisse	guayule	persuade	suavity
desuetude	iguana	persuasion	suede
dissuade	jaguar	persuasive	suite
distinguish	language	pueblo	unguent

40.3 o in oi and ou in French loan-words, as in choir [kwair].

*bivouac	conservatoire	moire	savoirfaire
bourgeois	demoiselle	patois	soiree
choir	devoir	peilu	toilette
coiffeur	escritoire	repertoire	turquoise
coiffure	mademoiselle	reservoir	

40.4 o in the words one [wʌn] and once [wʌnts].

40.5a w is silent when it occurs finally in a word or syllable, as in draw [dɹɔ].

40.5b w is silent before initial r and before h in a small group of words, most of which are derivatives of who and whole.

awry	wrack	wrest	writhe
bewray	wraith	wrestle	written
who	wrangle	wretch	wrong
*whoa	wrap	wriggle	wrote
whole	wrath	wright	wroth
wholly	wreak	wring	wrought
whom	wreath	wrinkle	wrung
*whoop	wreck	wrist	wry
whore	wren	writ	
whose	wrench	write	

40.5c w is silent after s in the word sword, and after t in the word two.

41. THE SOUND [ʍ]

The spellings of [ʍ] are:

1. wh wherever found, except as below.

Note: For other pronunciations of [ʍ], see:

1. wh in a small group of words, see section 40.5b.

The distribution of [ʍ] in English words is as follows:

A. [ʍ] alone.

1. Initially in syllables, as in when [ʍen].
2. Finally--does not occur.

B. In phonetic cluster--does not occur.

Words with [ʍ] grouped for practice as follows:

41.1 wh initially before vowels, except in a small group of words containing who and whole and their derivatives. [w] is often used for these words, especially by E speakers.¹

overwhelm	whence	whimsy	whistle
whack	where	whine	whit
whale	wherry	whinny	white
wharf	whet	whip	whither
wharves	whether	whippet	whiz
what	whew	whippoorwill	whittle
wheat	they	whir	whoa
wheel	which	whirl	whoop
wheel	whiff	whirligig	whopper
wheeze	whiffletree	whisk	whorl
whelk	while	whisker	whortleberry
whelm	whilom	whiskey	why
whelp	whim	whisper	
when	whimper	whist	

¹ Giles Wilkeson Gray and Claude M. Wise, The Bases of Speech, Revised edition. (New York: Harper and Brothers, 1946), p. 298.

42. THE SOUND [j]

The spellings of [j] are:

1. y wherever found, except as below.
2. i in unstressed syllables after l, n, and sometimes t.
3. e in an unstressed syllable after l in a few words.
4. [j] in a few foreign words.

Note: For other pronunciations of spellings of [j], see:

1. u, eu, ew pronounced [ju] or [ju], section 9.
2. y or i finally in an unstressed syllable, sections 18.8 and .11.

The distribution of [j] in English words is as follows:

A. [j] alone.

1. Initially in syllables, as in yes [jes], banyan ['bænjən].
2. Finally in syllables--does not occur.

B. In phonetic clusters.

1. Initially in syllables, as in

- | | | | | |
|----|------|---|---------------|----------------|
| a. | [bj] | - | <u>beauty</u> | [bju:ti] |
| b. | [dj] | - | <u>due</u> | [dju] |
| c. | [fj] | - | <u>few</u> | [fju] |
| d. | [gj] | - | <u>argue</u> | [ɑ:gju, a:gju] |
| e. | [hj] | - | <u>human</u> | [hju:man] |
| f. | [kj] | - | <u>cute</u> | [kju:t] |
| g. | [mj] | - | <u>new</u> | [nju] |
| h. | [nj] | - | <u>new</u> | [nju] |
| i. | [pj] | - | <u>pure</u> | [pjʊə, pjue] |
| j. | [tj] | - | <u>tune</u> | [tju:n] |
| k. | [vj] | - | <u>view</u> | [vju] |

2. Finally in syllables--does not occur.

Words with [j] grouped for practice as follows:

42.1a y initially before vowels in a word or syllable, as in yield ['jild], vineyard ['vinjəd, vinjəd] .

banyan	yam	yell	yogi
beyond	yank	yellow	yoke
canyon	yap	yelp	yolk
guayule	yard	yen	yon
halyard	yarn	yeoman	yonder
lawyer	yarrow	yep	yore
oyez	yaw	ye're	you
papaya	yawl	yes	young
sawyer	yawn	yesterday	yunker
tuyere	yawp	yestereve	your
vilayet	ye	yestermorn	youth
vineyard	yea	yet	yowl
yacht	year	yew	yucca
yah	yearn	yield	
yak	yeast	yodel	

42.1b [j] in medial and final syllables in clusters, as in dune [djun], acute [ə'kjut]. For complete list of clusters, see introduction to this section. [j] as an intrusive glide sound after the consonants [b], [k], [g], [f], [p], [m], [v] has already been discussed as a diphthong in section 9 under [ju] and [ju].

42.2a i after l, n, and sometimes t in an unstressed syllable preceding a stressed syllable beginning with a vowel, as in dahlia ['dæljə], genius ['dʒinjəs], bestial ['bestjəl] .

alien	civilian	heliotrope	pannier
ameliorate	communion	hernia	paraphernalia
ammonia	companion	imbroglio	pavilion
atelier	companionate	ingenius	peculiar
auxiliary	congenial	intaglio	peculiarity
bacchanalian	congeniality	Italian	petunia
battalion	convenience	junior	pillion
begonia	convenient	leniency	pimiento
behavior	courtier	lenient	pinion
bestial	dahlia	lithia	pneumonia
billious	dominion	magnolia	poniard
billiards	familiar	mammalian	postilion
billion	familiarity	medallion	punctilious
boutonniere	familiarize	menial	quadrennial
brilliance	folio	milliard	rebellion
brilliant	galliard	million	rebellious
bullion	gardenia	minion	regalia
bunion	genial	mullion	ruffian
camellia	genius	onion	salient
carnelian	heliograph	opinion	savior (S)

scullion	spaniel	union	Virginia
senior	stallion	valiant	warrior
seniority	tatterdemalion	venial	William
seraglio	trillion	vermillion	zinnia

42.2b i after other consonants in a few foreign words and intervocalically in a few words.

fiord	monsieur	sequoia	siecle
halleluah	m'sieur		

42.3 e after l in an unstressed syllable preceding a stressed syllable beginning with a vowel.

azalea	chameleon	galleon	napoleon (N)
--------	-----------	---------	--------------

42.4 j in a few foreign words.

fjord	hallelujah	*majolica
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42.5 [j] appears after n, gn, and ll in a few foreign words. After n the [j] represents the anglicized pronunciation of n. In the Spanish word pinon [pinjoun], the n would be written with a tilde over it.

pinon	poignancy	poignant	*surveillance
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43. THE SOUND [z]

The spellings of [z] are:

1. z wherever found, except as below.
2. zz wherever found, except as below.
3. cz in Russian loan-words, where c is silent.
4. s in the inflectional ending es after vowels and all consonants except p, t, and k.
5. s intervocalically, except as below.
6. s finally in words or syllables after voiced consonants.
7. s final after a few vowels.
8. [z] in [gz] spelled x in the unstressed prefix ex.
9. x in plurals in French words.
10. x initially.

Note: For other pronunciations of [z], see:

1. z after t in a few words, section 33.7.
2. zz as [ts] in a few Italian loan-words, section 33.7.
3. Silent z in French words, section 43.6.

The distribution of [z] in English words is as follows:

A. [z] alone.

1. Initially in syllables, as in zone [zoun], breezy ['brizi].
2. Finally in syllables, as in craze [kreiz], wisdom ['wɪzdəm].

B. In phonetic clusters.

1. Initially--does not occur.
2. Finally in syllables, as in
 - a. [bz] - cabs [kæbz]
 - b. [dz] - pads [pædz]
 - c. [gz] - eggs [egz]
 - d. [lz] - calls [kɔlz]
 - e. [mz] - hems [hemz]
 - f. [nz] - hens [henz]
 - g. [rz] - cars [karz, ka:z]
 - h. [vz] - caves [keɪvz]
 - i. [rlz] - snarls [snarlz, sna:lz]
 - j. [ðz] - breathes [brɪðz]
 - k. [lvz] - selves [selvz]
 - l. [rvz] - carves [karvz, ka:vz]
 - m. [ndz] - bends [bendz]

n.	[rdz]	- <u>cards</u>	[kardz, ka:dz]
o.	[ŋz]	- <u>things</u>	[θɪŋz]
p.	[rmz]	- <u>harms</u>	[harmz, ha:mz]
q.	[lmz]	- <u>elms</u>	[elmz]
r.	[rbz]	- <u>barbs</u>	[barbz, ba:bz]
s.	[rnz]	- <u>thorns</u>	[θɔrnz, θɔənz]

Words with [z] grouped for practice as follows:

43.1a z initially before vowels in words, as in zoo [zu].

zany	zenith	zigzag	zodiac
zeal	zephyr	zinc	zodiacal
zealot	zeppelin	zinnia	zone
zealous	zero	zip	zoo
zebra	zest	zircon	zoological
zenana	zeta	zither	zoology
			zoom

43.1b z in medial or final syllables, alone or in clusters, as in dozen ['dʌzən], bemazed be'meɪzd, br'meɪzd].

amazon (A)	bombazene	frowzy	magazine
appetizer	bonanza	gazelle	mazy
assizes	brazen	gazette	mestizo
atomizer	breezy	gazetteer	nizam
azalea	chimpanzee	generalize	ozone
azimuth	cognizance	gormandizer	paleozoic
bamboozle	cognizant	hazard	partizan
bazaar	cozen	hazel (H)	plaza
bazar	cozy	horizon	protozoan
bedizen	crazy	horizontal	razor
bemazed	camozel	hydrozoan	sleazy
benzene	denizen	influenza	suzerain
benzoate	dizen	janizary	trapezoid
benzoin	dozen	lazar	tweezers
benzol	Elizabeth	lazaretto	vizard
bezel	enzyme	lazy	vizier
bizarre	frenzied	lizard	wizard
blazon	frenzy	lozenge	wizened
			zigzag

43.1c z finally in the single word adz.

43.1d z finally in words followed by silent e. Final silent e does not affect the pronunciation of z as [z].

For words with z in the ending ize, see section 13.1.

adze	analyze	blaze	breeze
amaze	baize	booze	bronze

43.1c z finally in the single word adz.

43.1d z finally in words followed by silent e. Final silent e does not affect the pronunciation of z as [z].

For complete list of words with ize (mostly verbs), see section 13.1.

adze	craze	gaze	raze
amaze	daze	glaze	sieze
analyze	doze	gloze	size
baize	freeze	graze	sneeze
blaze	frieze	haze	snooze
booze	froze	maize	squeeze
breeze	furze	maze	trapeze
bronze	gauze	prize	wheeze

43.2 zz wherever found, except in a few Italian loan-words. See section 33.7.

blizzard	fizzle	jazz	puzzle
buzz	frizzle	mezzanine	quizzical
buzzard	fuzz	*mezzo	razz
dazzle	gizzard	mizzen	sizzle
dizzy	grizzled	muzzle	*terrazzo
drizzle	grizzly	nozzle	whizz
embezzle	guzzle	nuzzle	
fizz	huzza	piazza	

43.3 z in the Russian loan-words czar and czarina where c is silent.

43.4a s in the plural ending es when it follows vowels, voiced consonants, and the voiceless consonants [s], [ʃ], [tʃ].

aborigines	breeches	elves	ides
allies	calves	facies	isosceles
aloes	caries	fascies	James
antipodes	certes	fives	knives
archives	Charles	flies	lares
assizes	clothes	goes	loaves
auspices	congeries	gules	measles
bases	does	halves	molasses
bees	dominoes	Hercules	monies
besides	eaves	hypotheses	nares

obsequies	series	spectacles	vertices
eyes	shambles	sundries	wharves
parentheses	sheaves	superficies	whiles
rabies	shelves	talesman	wives
riches	skies	thieves	wolves
selves	species	unawares	

43.4b s before final silent e in some words. See section 33.1d for other words with s before final silent e pronounced [s]. The list below includes verbs in which the [z] distinguishes them from the noun or adjective, which has [s]. It also includes a number of words derived from the root forms pose and prise.

abuse -v.	clause	foreclose	propose
accuse	cleanse	franchise	prose
advertise	close -v.	fuse	raise
advise	compose	guise	rase
amortise	comprise	hawse	refuse -v.
amuse	compromise	hose	repose
analyse	confuse	impose	revise
appease	criticise	improvise	rise
applause	cruise	incise	rose
appraise	cruse	juxtapose	rouse
apprise	decompose	lose	ruse
because	demise	marquise	*spouse
bemuse	depose	masseuse	suffuse
*blouse	despise	mayonnaise	supervise
braise	devise	merchandise	suppose
browse	disease	muse	surmise
bruise	disguise	noise	surprise
carouse	drowse	nose	symbolise
catechise	ease	oppose	tease
cause	effuse -v.	paralyse	these
cnaise	emprise	paraphrase	those
charmeuse	enterprise	pause	turquoise
chastise	enthuse	peruse	unclose
cheese	espouse	phase	use -v.
chemise	escise	please	whose
choose	excuse -v.	poise	wise
chose	exercise	pose	
chrysoprase	exorcise	postchaise	
circumcise	expose	praise	

43.4c s and occasionally ss intervocalically. Many of these words are derived forms from words spelled with s before final silent e.

accusation	deserter	hesitation	physician
accusative	desertion	hosanna	physicist
acquisition	deserve	housing	physiognomy
acquisitive	design	housewife	physiographic
advertiser	designate	hussar	physiography
advertisement	designation	hussy	physiological
advisory	desirability	improvisation	physiology
*ambrosia	desirable	indefeasible	physique
analgesia	desire	inquisition	plausibility
apposite	desirous	inquisitive	plausible
artisan	desist	isinglass	pleasant
basil	dessert	Jesus	poison
besom	disaster	juxtaposition	position
bourgeoisie	disease	kaiser (K)	positive
busily	disposable	lackadaisical	possess
business	disquisition	liaison	possessive
busy	dissolve	limousine	posy
caesure	divisible	lousy	preposition
carrousel	divisor	mademoiselle	presence
carousal	drowsily	marmoset	present
causal	drowsiness	marquise	presentation
causality	drowsy	marquise	preservation
causation	easel	miser	preserve
chisel	easy	miserable	preside
chosen	ecclesia	miserere	presidency
closet	ecclesiastic	misericord	president
commiserate	elysium (E)	misery	presidential
commiseration	enthusiasm	mosaic	presumably
complaisance	enthusiastic	museum	presume
complaisant	espousal	music	presumption
composedly	excusable	musical	presumptuous
composite	exposition	musician	prison
composition	expositor	nasal	proposal
compositor	exquisite	newsy	proposition
cosy	feasibility	omnipresence	prosaic
courtesan	feasible	opposite	prosy
cousin	frowsy	opposition	proviso
cuisine	fuselage	orison	quasi
daisy (D)	fusible	ovipositor	queasy
dameiselle	fusilier	partisan	raisin
damosel	fusillade	peasant	reason
dameiselle	greaser	perquisite	recusant
deposit	greasy	perusal	refusal
deposition	gymnasium	pheasant	repository
depository	hesitancy	phraseology	represent
desert	hesitate	physic	representation

reprisal	resign	resumption	treason
requisite	resignation	resurrect	usable
requisition	resilient	resurrection	user
resemblance	resin	risen	venison
resemble	resist	rosary	visa
resent	resistance	roseate	visage
reservation	resolute	rosette	visibility
reserve	resolve	rosin	visible
reservoir	resonance	scissors	visit
reside	resonator	season	visitation
residence	resort	spousal	visor
residential	resound	supervisory	weasel
residual	result	supposition	
residue	resultant	suppository	
residuum	resume	thousand	

43.4d s finally in a word after a voiced consonant, as in dregs [dregz]; finally in a syllable after a vowel and preceding another syllable beginning with a voiced consonant, as in dismal ['dizmə]; or initially in a syllable after another syllable ending with a voiced consonant, as in observe [əb'zɜv, əb'zɜv].

adenoids	clumsy	filings	kinsman
afterwards	clumsily	fittings	lancers
alms	cosmetic	flimsy	landsman
always	cosmic	forwards	leavings
amends	cosmogony	frontiersman	leggings
annals	cosmos	furnishings	lens
arrears	cosmopolitan	gens	linsey
backwards	credentials	goaling	malmsey
baptismal	crimson	grisly	matins
banns	damsel	guardsman	measles
bastings	damson	guernsey (G)	measly
belongings	dickens (D)	headsman	messeieurs
billiards	dismal	helmsman	miasma
binoculars	divers	herdsman	moorings
bismuth	dividers	hers	muslin
bleachers	doesn't	hitherwards	nippers
blinderns	doings	hogshead	northwards
bloomers	doldrums	homewards	oarsman
bondsman	doomsday	husband	observance
bowels	downwards	innings	observant
bowls	dregs	jasmine	observation
calipers	drippings	jersey (J)	observatory
cataclysmic	earnings	jodhpurs	observe
checkers	entrails	kersey	odds
clansman	environs	kinsfolk	onwards

ours	protoplasmic	steersman	tribesman
outwards	quinsy	suds	trousers
overalls	rapids	summons	Tuesday
painstaking	revers	surroundings	tweezers
palsy	rompers	suspenders	upwards
pantaloons	rounders	sweepings	vespers
pansy	salesman	swordsman	vituals
pickings	sans	teens	vitals
pincers	savings	theirs	wasn't
plainsman	schismatic	there's	Wednesday
plasma	scissors	Thursday	whimsy
plebs	seawards	tidings	wisdom
pliers	seedsman	tongs	withers
presbyterian (P)	shambles	tousle	woodsman
presytery (P)	shears	towards	woody
privateersman	smithereens	townsman	yours
prismatic	snuffers	tradesman	
proceeds	spasmodic	trappings	

43.4e s final in a word after vowels. Most of these words are inflected forms of verbs, nouns, pronouns, etc. See section 33.1d for most words with final s.

as	here's	news	thews
avoirduois	he's	nowadays	'tis
bellows	his	pajamas	'twas
gallows	is	she's	was
has	lees	there's	where's

43.4f s before m in the same syllable. Some phoneticians consider m in this position to be syllabic. In this study the m is considered to be in a separate syllable because of the intrusive glide [ə] which comes between the s and m. For a complete list of words with [z] in the ending ism, see section 2.2f.

abyss	enthusiasm	prism	spasm
aneurysm	microcosm	protoplasm	
cataclysm	paroxysm	sarcasm	
chasm	phantasm	schism	

43.5 [z] in [gz] is spelled x in the unstressed prefix ex and in the exceptional words anxiety and auxiliary.

anxiety	examine	exhalation	existence
auxiliary	example	exhale	exit
coexist	exasperate	exhaust	exonerate
coexistence	exasperation	exhaustion	exorbitant
exacerbate	executive	exhaustive	exordium
exact	executor	exhibit	exotic
exaction	exemplar	exhibiter	exuberance
exactitude	exemplary	exhilarate	exude
exaggerate	exemplification	exhilaration	exult
exaggeration	exemplify	exhort	exultant
exalt	exempt	exhortation	exultation
exaltation	exemption	exhume	
exam	exert	exile	
examination	exertion	exist	

43.5b [z] spelled x when initial in words.

santhous xylem xylophone

43.5c [z] without the [g] in x when it is final in plurals of French words.

beaux
tableaux

43.6 z is silent in the French word rendezvous.

43.7 Usage varies between [s] and [z] in the following group of words.

asthma	fantasy	parse	transition
asthmatic	geyser	penates	translate
basilica	hawse	persist	translation
basilisk	manganese	persistence	translucent
benison	medusa (M)	persistent	transmigration
bison	mesmeric	poesy	transmissible
blouse	mesmerism	renaissance	transmission
brassiere	metamorphose	seismic	transmit
chasuble	mimosa	suffice	transmutation
citizen	missis	talisman	transmute
desiderata	moccasin	transact	transoceanic
diabetes	nauseate	transaction	transverse
diagnose	numismatics	transatlantic	unison
diapason	osmosis	transgress	usurp
discern	osmotic	transgression	usurpation
episode	pampas	transit	vase

44. THE SOUND [ʒ]

The spellings of [ʒ] are:

1. s in the ending sion immediately after a vowel or [ʒ, ʒ].
2. s followed by u in an unstressed syllable immediately after a vowel.
3. g in French loan-words.
4. zh and zi in Russian loan-words.
5. j in French words.
6. z before u in unstressed syllables.

Note: For other pronunciations of spellings of [ʒ], see:

1. s in the ending sion after consonants, section 34.5.
2. s before u in an unstressed syllable, 34.7.
3. g in French loan-words, section 22.2 and .5.
4. j initially in syllables, section 22.6.

The distribution of [ʒ] in English words is as follows:

A. [ʒ] alone.

1. Initially in syllables, as in lesion ['li:ʒən], conclusion [kən'klu:ʒən].
2. Finally in syllables, as in treasury ['treʒəri].

B. In phonetic clusters--does not occur.

Words with [ʒ] grouped for practice as follows:

44.1 s in the unstressed endings sion, sia, and sier after vowels and [ʒ, ʒ]. These endings after consonants become either [ʃ] or [tʃ]. See sections 34.5 and 36.4.

abrasion	confusion	evasion	occasion
ambrosia	contusion	exclusion	occlusion
adhesion	conversion	explosion	osier
allusion	corrosion	extrusion	persuasion
amnesia	crosier	freesia	precision
anesthesia	decision	hosiery	prevision
animadversion	delusion	illusion	profusion
artesian	derision	incision	provision
aversion	diffusion	inclusion	seclusion
circumcision	division	infusion	suffusion
cohesion	ecclesia	intrusion	supervision
collision	effusion	invasion	television
collusion	elysium (E)	inversion	vision
conclusion	erosion	lesion	

44.2 s before u in unstressed syllables after vowels.

caesure	disclosure	measure	usual
casual	embrasure	pleasurable	usurer
ca <u>s</u> uist	exposure	pleasure	usury
cl <u>s</u> ure	inclosure	treasure	visual
composure	leisure	treasury	

44.3 g intervocalically in late French loan-words in which the pronunciation of g has not been completely anglicized to [dʒ]. See section 22.2-5.

barrage	entourage	lingerie	*prestige
beige	*espionage	massage	protege
camouflage	*fuselage	menagerie	regime
concierge	garage	mirage	rouge
corsage	gendarme	negligee	*sabotage
cortège	genre	persiflage	

44.4 zh and zj (alternate spellings) in the Russian loan-words muzhik and muzjik.

44.5 j in the French word jabot.

44.6 z before the unstressed endings ure and ier after vowels.

azure	brazier	crozier	seizure
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44.7 s intervocalically ([ɜ, ɜ] are vowels), may be either [ʒ] or [ʃ] in the following words.

as <u>s</u> ersion	erasure	nausea	subversion
av <u>s</u> ersion	excursion	nauseate	version
dis <u>s</u> ersion	incursion	nauseous	
div <u>s</u> ersion	magnesia	perversion	
equation	magnesium	reversion	

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BIOGRAPHY

Jeannette Katherine Laguaite was born in New Orleans, Louisiana, June 20, 1912. She was educated in the public schools of that city and graduated from the New Orleans Normal School in 1930. While teaching kindergarten in the city schools she attended the extension division of Tulane University and earned a Bachelor of Arts degree in 1937 and a Master of Arts degree from the Graduate School in 1940. In the summer of 1947 she entered Louisiana State University and began work toward a doctorate in Speech.

In the fall of 1947 she transferred from the kindergarten to the Department of Corrective Speech in the New Orleans public school system. At present she is Speech Pathologist on the faculty of the Tulane Medical School, New Orleans, Louisiana.

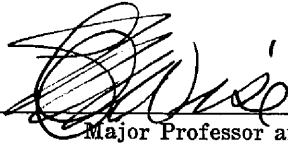
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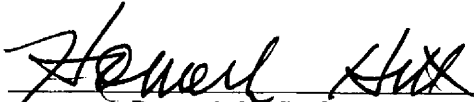
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Major Field: Speech

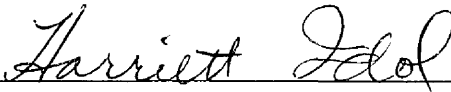
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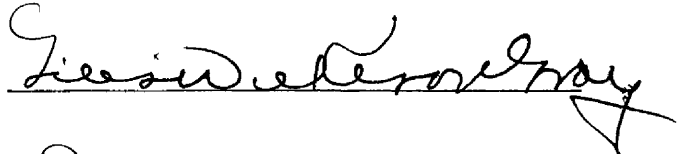
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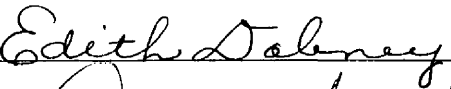

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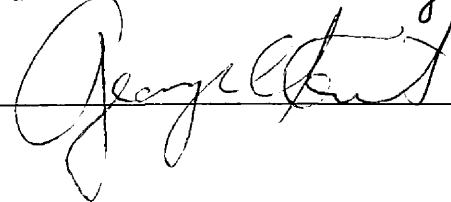

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